JVC

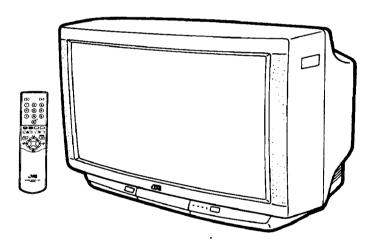
SERVICE MANUAL

COLOUR TELEVISION

AV-28WR2EN AV-28WR2EK

BASIC CHASSIS

JF



CONTENTS

	SPECIFICATIONS····································
*	OPERATING INSTRUCTIONS · · · · · · 1-1
	SAFETY PRECAUTIONS · · · · · · · · · · · · · · · · · · ·
	FEATURES ····································
	MAIN DIFFERENCE LIST BETWEEN AV-28WR2EN AND AV-28WR2EK · · · · · · · · · · · · · · · · · · ·
	SPECIFIC SERVICE INSTRUCTIONS · · · · · · · · · · · · · · · · · · ·
	SERVICE ADJUSTMENTS · · · · · · · 13
*	STANDARD CIRCUIT DIAGRAM · · · · · 2-1
•	PARTS LIST

SPECIFICATIONS

Item	Content		
nem	AV-28WR2EN	AV-28WR2EK	
Dimensions (W×H×D)	716mm×489mm×496mm		
Mass	34.6kg		
TV RF System	CCIR(B/G,I)	CCIR(I)	
Colour System	PAL / SECAM / NTSC(Only in EXT mode)	PAL / NTSC(Only in EXT mode)	
Stereo System	A2/NICAM5.5	NICAM6.0	
Teletext System	Fastext(United Kingdom system)	Fastext(United Kingdom system)	
	TOP(German system) WST(Standard system)	WST(Standard system)	
Receiving Frequency			
VHF	47MHz ~ 470MHz		
UHF	470MHz ~ 862MHz	470MHz ~ 862MHz	
Intermediate Frequency			
VIF Carrier	38.9MHz(B/G)	39.5MHz(1)	
SIF Carrier	33.4(5.5MHz)	33.5(6.0MHz)	
Colour Sub Carrier Freq.			
PAL	4.43MHz	4.43MHz	
SECAM	4.0625MHz / 4.25MHz		
NTSC	3.58MHz / 4.43MHz	3.58MHz / 4.43MHz	
Power Input	AC 220V~240V , 50Hz		
Power Consumption	196W(Max) / 106W(Avg), 106W/h(ITALY)		
Picture Tube Visible size : 66cm, Measured diagonally			
High Voltage 31.0Kv +1kV (at zero beam current)			
Speaker	$(\phi 10 + \phi 3.5)$ cm×2, Dome speaker		
Audio Output	15W + 15W		
EXT-1/EXT-2 (Input/Output)	21-pin Euro connector(SCART socket)		
EXT3 (Input) Video	1Vp-p 75 Ω (RCA pin jack)		
Audio(L/R)	500mVrms(-4dBs), High Impedance(RCA pin	jack)	
Aerial Input Term	75Ω unbalanced, Coaxial		
Headphone jack	Stereo mini jack (Ø 3.5mm)		
Remote Control Unit	RM-C793	RM-C792	
	AAA(R03) dry battery×2	AAA(R03) dry battery×2	

Design & specification are subject to change without notice.

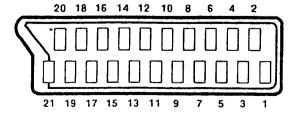
★ N	Manufactured under license from Dolby Laboratories Licensing Corporation.	
	"Dolby" and the double-D symbol 📉 are trademarks of Dolby Laboratories Licensing Corporation.	

■21-pin Euro connector (SCART socket): EXT-1 / EXT-2

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

Pin No.	Signal Designation	Matching Value	EXT-1	EXT-2
1	AUDIO R output	500mVrms(Nominal), Low impedance	0	0
			(TV OUT)	(TV/LINE OUT)
2	AUDIO R input	500mVrms(Nominal), High impedance	0	0
3	AUDIO L output	500mVrms(Nominal), Low impedance	0	0
			(TV OUT)	(TV/LINE OUT)
4	AUDIO GND		0	0
5	GND (B)		0	0
6	AUDIO L input	500mVrms(Nominal), High impedance	0	0
7	B input	700mV _{B-W} , 75Ω	0	NC
8	FUNCTON SW	Low : 0-3V, High : 8-12V, High impedance	0	NC
	(SLOW SW)			
9	GND (G)		0	0
10			NC	
10	SCL3			0
11	G input	700mV _{B-W} , 75 Ω	0	NC
12			NC	
12	SDA3			0
13	GND (R)		0	0
14	GND (Y _s)		0	NC
15	R / C input	R: 700mV _{B-W} , 75Ω	0	0
		C : 300mV _{P-P} , 75Ω	(R/C)	(only C)
16	Ys input	Low : 0 - 0.4, High : 1 - 3V, 75 Ω	0	NC
17	GND(VIDEO output)		0	0
18	GND(VIDEO input)		0	0
19	VIDEO output	1V _{s-w} (Negative going sync), 75Ω	0	0
			(TV)	(TV/LINE OUT)
20	VIDEO / Y input	1V _{s-w} (Negative going sync), 75Ω	0	0
21	COMMON GND		0	0

[Pin assignment]



SAFETY PRCAUTIONS [EN MODEL]

- The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- 3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. Electrical components having such features are identified by shading on the schematics and by (\Delta) on the parts list in Service manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.

Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\bot) side GND, the ISOLATED(NEUTRAL) : (\bot) side GND and EARTH : (\bigoplus) side GND. Don't short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND and never measure with a measuring apparatus (oscilloscope etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND or EARTH side GND at the same time.

If above note will not be kept, a fuse or any parts will be broken.

- If any repair has been made to the chassis, it is recommended that the B1 setting should be checked or adjusted (See ADJUSTMENT OF B1 POWER SUPPLY).
- 6. The high voltage applied to the picture tube must conform with that specified in Service manual. Excessive high voltage can cause an increase in X-Ray emission, arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper minimum level of soft X-Ray emission, components in the high voltage circuitry including the picture tube must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- 7. Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10kΩ 2W resistor to the anode button.
- 8. When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screwheads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

(1) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second.

(.... Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.)

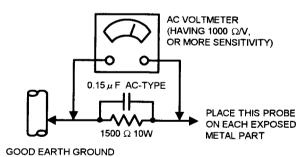
This method of test requires a test equipment not generally found in the service trade.

(2) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.).

Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 ohms per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a $0.15\mu F$ AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.35V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).



SAFETY RPECAUTIONS

[EK MODEL]

- The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which
- have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (\triangle) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.
- 4. The leads in the products are routed and dressed with ties, clamps, tubing s, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

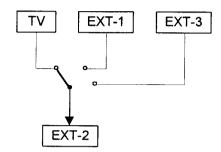
WARNING

- 1. The equipment has been designed and manufactured to meet international safety standards.
- 2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- 3. Repairs must be made in accordance with the relevant safety standards.
- 4. It is essential that safety critical components are replaced by approved parts.
- 5. If mains voltage selector is provided, check setting for local voltage.

No.51128 5

FEATURES

- By preference, users can select the picture size from PANORAMIC, REGULAR, FULL, 14:9 ZOOM, 16:9 ZOOM, 16:9 ZOOM SUB TITLE modes. When the TV unit received WSS picture signal, the picture can be changed to 16:9 ZOOM mode automatically.
- The TELETEXT SYSTEM has a built-in FASTEXT, TOP and WST system (TOP system only EN model).
- Thanks to the newly employed DSP control micro computer, users can select 3D-PHONIC, and enjoy Surround effect at each mode.
- Because this TV unit corresponds to multiplex broadcast, users can enjoy music programs and sporting events with live realism.
 In addition, BILINGUAL programs can be heard in their original language.
- In accordance with the brightness in a room, the brightness and/or contrast of the picture can be adjusted automatically to make the optimum picture which is easy on the eye.
- Users can make VTR dubbing of picture and sound by controlling the AV selector to select an optional source at the EXT-2 output shown in figure.



MAIN DIFFERENCE LIST BETWEEN AV-28WR2EN AND AV-28WR2EK

Δ	Model Name Part Name	AV-28WR2EN	AV-28WR2EK	
	MAIN PWB	SJF-1002A-U2	SJF-1902A-U2	
	IF PWB	SJF0F001A-U2	SJF0F901A-U2	
Δ	POWER CORD	AEEMP001-185	AEEMP003-185A	
Δ		CM23157-006-E		
	RATING LABEL	CM23049-006-E	CM23047-004-E	
	REMOTE CONTROL UNIT	RM-C793-1E	RM-C792-1E	
	S. DIAGRAM [Only ITALY]	28WR2EN-HSAE		
Æ		CQ40369-001-E		
<u> </u>	INST BOOK	CQ40370-001-E	CQ40367-001-E	
	SET UP GUIDE		CQ40368-001-E	
	DEC. SHEET	CM22966-009-E		
	EURO LABEL	AEM1038-064-E	AEM1038-065-E	

SPECIFIC SERVICE INSTRUCTIONS

REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

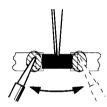
- 1. Avoid heating for more than 3 seconds.
- 2. Do not rub the electrodes and the resist parts of the pattern.
- 3. When removing a chip part, melt the solder adequately.
- 4. Do not reuse a chip part after removing it.

■ SOI DERING IRON

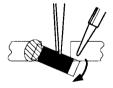
- 1. Use a high insulation soldering iron with a thin pointed end of it.
- 2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

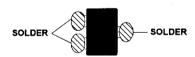
- 1. How to remove Chip parts
- Resistors, capacitors, etc
- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with tweezers and remove the chip part.



- ♦ Transistors, diodes, variable resistors, etc
 - (1) Apply extra solder to each lead.



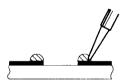
(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



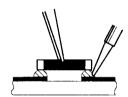
Note: After removing the part, remove remaining solder from the pattern.

2. How to install Chip parts

- Resistors, capacitors, etc
 - (1) Apply solder to the pattern as indicated in the figure.

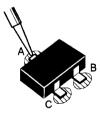


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

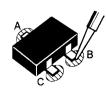


♦ Transistors, diodes, variable resistors, etc

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead A as indicated in the figure.



(4) Then solder leads B and C.



DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

- 1. Unplug the power cord.
- 2. Remove the 13 screws marked "A" as shown in the Fig. 1.
- 3. Withdraw the rear cover toward you.

REMOVING THE CHASSIS

- After removing the rear cover.
- Slightly raise the both sides of the chassis by hand and remove the two claws under the both sides of the chassis from the front cabinet.
- 2. Withdraw the chassis backward. (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE AV TERMINAL BOARD

- After removing the rear cover.
- 1. Remove the 5 screws marked "B" as shown in the Fig. 1.
- While raising the claw marked "C", remove the top of the AV TERMINAL BOARD slightly in the direction of arrow "D" as shown in Fig. 2.

REMOVING THE SPEAKER BOX

- After removing the rear cover.
- 1. Remove the 2 screws marked "E" as shown in Fig. 1.
- Follow the same steps when removing the other hand speaker box.

NOTE: When removing the screws marked "E" of the speaker box, remove the lower side screw first, and then remove the upper screw.

CHECKING THE PW BOARD

To check the back side of the PW Board.

- 1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
- Erect the chassis vertically so that you can easily check the back side of the PW Board.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.
- When conducting a check with power supplied, be sure to confirm that the CRT EARTH WIRE (BRAIDED ASS' Y) is connected to the CRT SOCKET PW board.

WIRE CLAMPING AND CABLE TYING

- 1. Be sure to clamp the wire.
- Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

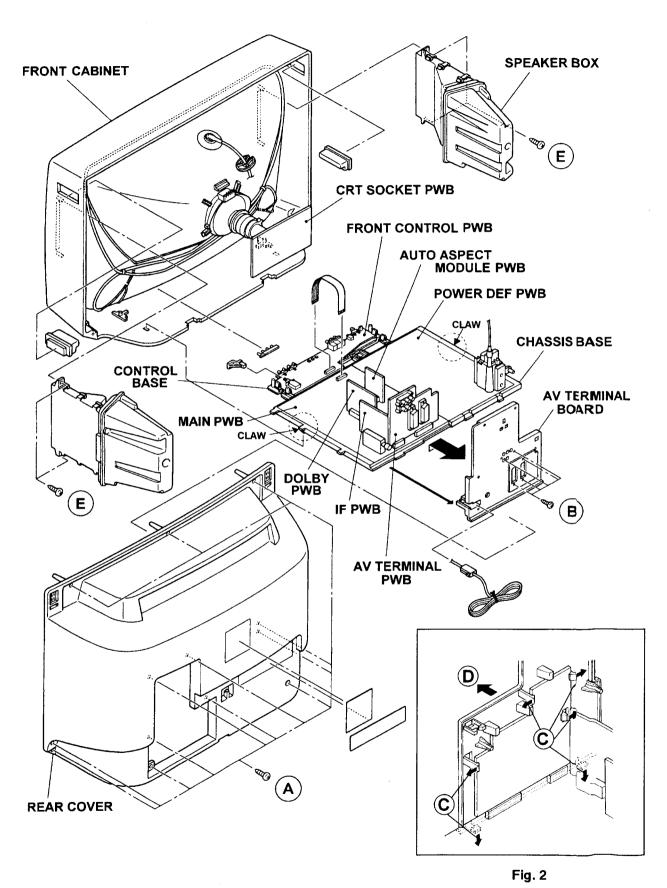


Fig. 1

No.51228

9

REMOVING THE CRT

- *Replacement of the CRT should be performed by 2 or more persons.
- After removing the cover, chassis etc...
- 1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig.3).
- 2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig.4.
- 3. Remove 4 screws marked by arrows with a box type screw driver as shown in Fig.4.
- Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.
- 4. After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig.5.
- The CRT should be assembled according to the opposite sequence of its dismounting steps.
- The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.



Subsequent to replacement of the CRT and HV transformer or repair of the anode cap, etc. by dismounting them, be sure to coat silicon grease for electrical insulation as shown in Fig.6.

Wipe around the anode button with clean and dry cloth. (Fig.6) Coat silicon grease on the section around the anode button. At this time, take care so that any silicon greases dose not stick to the anode button. (Fig.7)

★ Silicon grease product No. KS - 650N

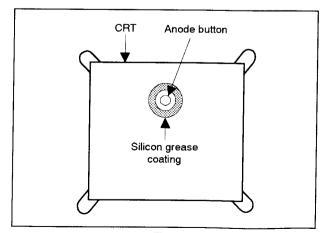


Fig. 6

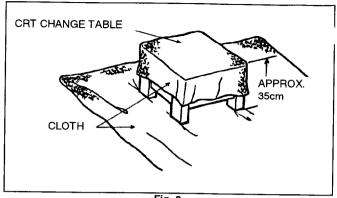


Fig. 3

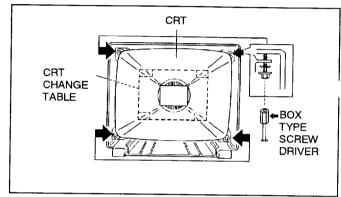


Fig. 4

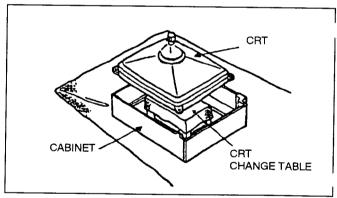


Fig. 5

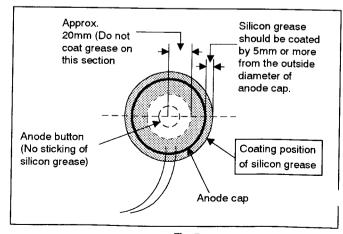


Fig. 7

REPLACEMENT OF MEMORY ICS

1. Memory ICs

This TV use memory ICs (EEP-ROM IC). In the memory ICs, there are memorized data for correctly operating the video and deflection circuits. When replacing memory ICs, be sure to use ICs written with the initial values of data.

2. Procedure for replacing memory ICs

PROCEDURE (1) Power off Switch the power off and unplug the power code from the outlet. (2) Replace ICs. Be sure to use memory ICs written with the initial data values. (3) Power on Plug the power code into the outlet and switch the power on.

(4) Check and set SYSTEM CONSTANT SET:

- Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously.
- 2) The SERVICE MENU screen of Fig. 1 will be displayed.
- 3) While the SERVICE MENU is displayed, press the INFORMATION key and MUTE key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed.
- 4) Check the setting values of the SYSTEM CONSTANT SET of Table 1. If the value is different, select the setting item with the FUNCTION UP/DOWN key, and set the correct value with the FUNCTION -/+ key.
- 5) Press the MENU key to memorize the setting value.
- 6) Press the INFORMATION key twice, and return to the normal screen

(5) Setting of receive channels

Set the receive channel.

For setting, refer to the OPERATING INSTRUCTIONS.

(6) User settings

Check the user setting values of Table 2, and if setting value is different, set the correct value.

For setting, refer to the OPERATING INSTRUCTIONS.

(7) Setting of SERVICE MENU

Verify the setting items of the **SERVICE MENU** of Table 3, and reset where necessary.

For setting, refer to the SERVICE ADJUSTMENTS.

SERVICE MENU

SERVICE MENU

1. IF 2. V/C 3. AUDIO 4. DEF 5. VSM PRESET 6. VPS 7. AUTO PROGRAM (OFF)

1-7 : SELECT : EXIT

Fig.1

SYSTEM CONSTANT SET

Fig.2
[AV-28WR2EN]

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	Ū
MUTE	×
MENU	OK)
FUNCTION UP/DOWN	(3)
FUNCTION -/+	③②

SETTING VALUES OF SYSTEM CONSTANT SET (TABLE 1)

Setting item	Setting content	Setting value	
		AV-28WR2EN	AV-28WR2EK
1. COUNTRY	►EN -►EK -	EN	EK
2. INCH	≥ 28 → 32 → 24	28	28

USER SETTING VALUES (TABLE 2)

Setting item	Setting value	Setting item	Setting value
SUB POWER	ON	COLOUR SYSTEM	AUTO
CHANNEL	1 POSITION	COOL/NORMAL/WARM	COOL
CHANNEL PRESET	See ; OPERATING INSTRUCTIONS	SLEEP TIMER	OFF
		BLUE BACK	ON
VOLUME	Appropriate sound volume	ASPECT MODE	PANORAMIC
TV / EXT	TV	HYPER SOUND	OFF
DISPLAY	CHANNEL DISPLAY	BALANCE,BASS,TREBLE	CENTER
ECO MODE	OFF	LANGUAGE	ENGLISH
ZOOM MODE	REGULAR	CHILD LOCK	ID No. *****

SERVICE MENU SETING ITEMS (TABLE 3)

Setting item	Setting value	Setting item	Setting value
1. IF 2. V/C	1. CUT OFF 2. DRIVE 3. BRIGHT 4. CONT. 5. COLOUR(PAL/SECAM/NTSC) 6. TINT(NTSC) 7. BLACK OFFSET(SECAM) 8. SHARP 9. TEXT (RGB) CONT 1. CONC LIMIT	5. VSM PRESET COOL NORMAL WARM	1. TRAPEZ 2. V-SHIFT 3. V-SIZE 4. H-CENT 5. H-SIZE 6. EW-PIN 7. V-S. CR 8. V-LIN 9. V-EDGE 10. EW-COR 11. ABL POINT 12. ABL GAIN 1. BRIGHT 2. CONT. 3. COLOUR 4. SHARP 5. TINT 6. R DRIVE 7. B DRIVE 8. BASS 9. TREBLE
(Do not adjust)	2. A2 ID THR	6. VPS (Do not adjust)	VPS
		7. AUTO PROGRAM (Do not adjust)	ON / OFF

SERVICE ADJUSTMENTS

BEFORE STARTING SERVICE ADJUSTMENT

- There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
- The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- Turn on the power of the TV and measuring instrument for warming up for at least 30 minutes before starting adjustment.
- Make sure that connection is correctly made to AC power source.
- If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- Never touch parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

Preparation for adjustment (presetting):
 Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT:

(1) PICTURE MODE (VSM)	COOL
(2) SLEEP TIMER	OFF
(3) DIGITAL SURROND	OFF
(4) BALANCE	CENTER
(5) ECO	OFF
(6) ZOOM	REGULAR

MEASUREING INSTRUMENT AND FIXTURES

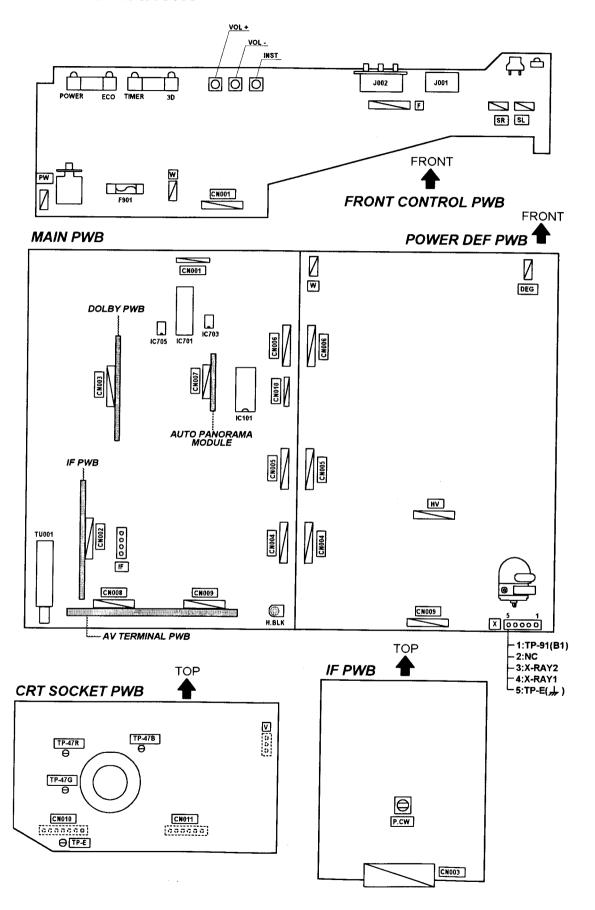
- 1. DC voltmeter (or digital voltmeter)
- 2. Oscilloscope
- 3. Signal generator (Pattern generator) [PAL/SECAM/NTSC]
- 4. Remote control unit

ADJUSTMENT ITEMS

- Check of B1 voltage.
- Adjustment of FOCUS.
- IF circuit adjustment.
- VSM preset adjust setting.
- VIDEO / CHROMA circuit adjustment.
- DEFLECTION circuit adjustment.
- AUDIO circuit adjustment. (Do not adjust)

No.51228

ADJUSTMENT LOCATIONS



BASIC OPERATION OF SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings (adjustments):

- (1) 1. IF This mode adjusts the setting values of the IF circuit.
- (2) 2.V/C ····· This mode adjusts the setting values of the VIDEO / CHROMA circuit.
- (3) 3.AUDIO ·····This mode adjusts the setting values of the multiplicity SOUND circuit.
- (4) 4.DEF This mode adjusts the setting values of the DEFLECTION circuit for each aspect mode given below.

PANORAMIC (50/60Hz)
REGULAR (50/60Hz)
14:9 ZOOM (50/60Hz)
16:9 ZOOM SUB TITLE (50/60Hz)

FULL (50/60Hz)

(5) **5.VSM PRSET** ······This mode adjusts the initial setting values of COOL,NOMAL and WARM.

(VSM : Video Status Memory)

(6) 6.VPS ····· This mode shows the monitor of the VPS and PDC.(Do not adjust).

(VPS: Video Program System, PDC: Program Delivery Code)

(7) 7.AUTO PROGRAM By turning the power switch on, you can get the state of AUTO PROGRAM. (Do not adjust)

3. BASIC OPERATION OF SERVICE MENU

(1) How to enter SERVICE MENU

Press the INFORMATION key and the MUTE key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig. 1 will be displayed.

SERVICE MENU SERVICE MENU 1. IF 2. V/C 3. AUDIO 4. DEF 5. VSM PRESET 6. VPS 7. AUTO PROGRAM (OFF) 1-7: SELECT : EXIT

Fig.1

(2) Selection of SUB MENU SCREEN

Press one of keys $1\sim7$ of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN (See Fig. 3), form the SERVICE MENU.

SERVICE MENU → SUB MENU

- 1. IF
- 2. V / C
- 3. AUDIO
- 4. DEF.
- 5. VSM PRESET
- 6. VPS
- 7. AUTO PROGRAM

NEME OF REMOTE CONTOROL KEY

Names of key	key
INFORMATION	ij
MUTE	×
MENU	OK
FUNCTION UP/DOWN	€ \$\$•
FUNCTION -/+	⊙⊙

Fig.2

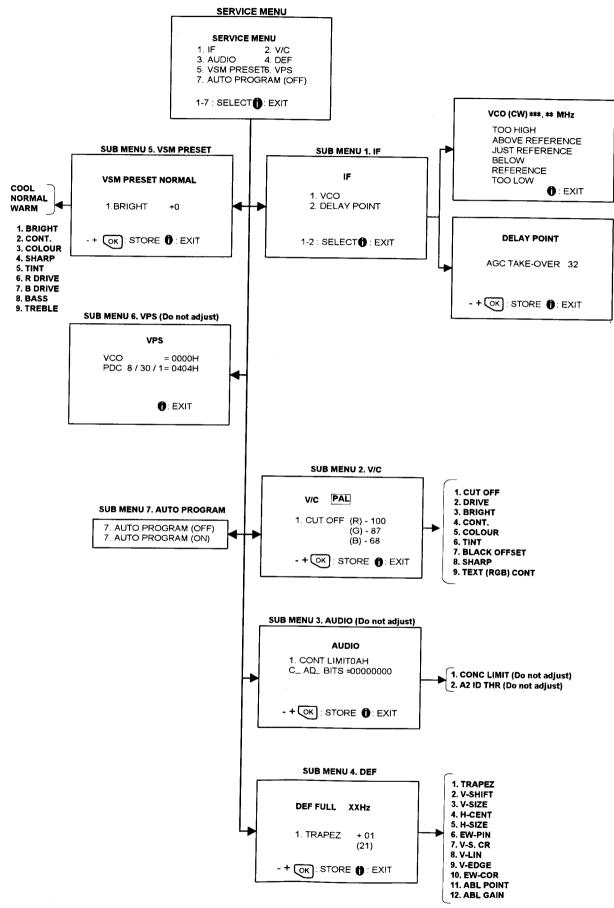


Fig. 3 SUB MENU SCREEN

(3) Method of Setting 1) Method of Setting 1.IF [1. VCO] ① 1 Key · · · · · · Select 1.IF. ② 1 Key · · · · · · Select 1.VCO 3 The VCO (CW) screen will be displayed in yellow when the AFC voltage is at a certain level and in blue when it is at other levels. ④ INFORMATION Key · · · · · · · · As you press this twice, you will return to the **SERVICE MENU**. [2. DELAY POINT] ① 1 Key · · · · · Select 1.IF. ② 2 Key · · · · · Select 2.DELAY POINT. ③ FUNCTION -/+ · · · · · Set (adjust) the setting values of the setting items. 4 MENU Key Memorize the set value. (Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF keys - if you do, the values will not be stored in memory.) (5) INFORMATION KeyWhen this is pressed twice, you will return to the SERVICE MENU. 2) Method of setting 2.V/C, 3.AUDIO, 4.DEF and 5.VSM PRESET. 1 2~6 Key · · · · · · · · · · · · · Select one from 2. V/C, 3. AUDIO, 4. DEF and 5. VSM PRESET. ② FUNCTION UP/DOUN Key · · · · · Select setting items. ③ FUNCTION -/+ · · · · · · Set (adjust) the setting values of the setting items. (When 1.CUTOFF of 2.V/C is selected, press the 1 key, and the whole will change to a faint horizontal line appearing in its center. Press the 2 key, and the screen will return to the original 1.CUTOFFscreen.) 4) MENU Key Memorize the setting value. (Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF key if you do, the values will not be stored in memory.) ⑤ INFOMATION Key · · · · · · · Return to the SERVICE MENU screen.

3) Method of setting 6.VPS and 7.AUTO PROGRAM.

6.VPS · · · · · This mode displayed monitor of VPS systems. **Do not adjust**

7.AUTO PROGRAM ······ When the MAIN POWER is turned on with the state of AUTO PROGRAM ON, you get a mode that initializes every existing set value including language selection. Because this mode is set at the factory upon completion of the adjustment, you need not to use it for service. **Do not adjust in this mode.**

(4) Release of SERVICE MENU

1) After completing the setting, return to the SERVICE MENU, then again press the INFORMATION key.

POWER SUPPLY CHECK

Item	Measuring instrument	Test point	Adjustment part	Description
Check of B1 voltage	Signal generator DC voltmeter	TP-91(B1) TP-E(m/) [X connector in MAIN PWB]		1. Receive a whole black signal. 2. Connect a DC voltmeter to TP-91(B1) and TP-E(加). 3. Make sure that the voltage is DC141.5±2.0V.

FOCUS ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS VR [In HVT]	Receive a cross-hatch signal. While watching the screen, adjust the FOCUS VR to make the vertical and horizontal lines as fine and sharp as possible. Make sure that when the screen is darkened, the lines remain in good focus.

IF CIRCUIT ADJUSTMENT

ltem	Measurin instrume	rest point	Adjustment part	Description
Adjustment o	VCO(CW) * TOO HIGH ABOVE REF JUST REFE BELOW REI TOO LOW	**.** MHz	P. CW TRANSF. [In IF PWB]	 Do not make any adjustment unless the adjustment is out of way and you cannot get correct PICTURE. Select 1.IF from the SERVICE MENU. Press 1 key and select 1.VCO. Select a receivable broadcast channel with the CHANNEL key. Turn the core of P. CW TRANSF. until the colour of the characters TOO HIGH displayed on the screen changes from blue to Yellow. (Step 1) Turn the core of P. CW TRANSF. until the colour of the characters TOO LOW changes from blue to Yellow. (Step 2) Then slowly turn back the core of P. CW TRANSF. until the colour of the characters JUST REFFERENCE changes from blue to Yellow. (Step 3) Press the INFORMATION key three times to return to normal screen. Perform CHANNEL PRESET again, and make sure that each broadcast is being received properly.
TOO HI ABOVE JUST R	REFERENCE EFERENCE REFERENCE W	1 →2 Yellow → Blue Blue → Blue Blue → Blue Blue → Blue Blue → Yell	e → Blue e → <u>Yellow</u>	1. Receive a black and white signal (colour off). 2. Select 1.IF from the SERVICE MENU. 3. Select 2.DELAY POINT by pressing the 2 key on the remote
(Adjus	cing item tment item) POINT AKE-OVER)	Variable range 0∼63	Initial setting value 30	 Select 2.DELAY POINT by pressing the 2 key on the remote control. Adjust the FUNCTION - or + key until video noise disappears. Press the MENU key and memorize the set value. Turn to other channels and make sure that there are no irregularities.

No.51228

VSM PRESET SETTING

ltem	Measuring instrument	Test point	Adjustment part		D	escription	
Setting of VSM PRESET ADJUST Remote control unit			2. CONT. 3. COLOUR 4. SHARP 5. TINT 6. R DRIVE 7. B DRIVE 8. BASS	 Adjust the F values of 1. table. Press the M Respectively WARM, and Press the M 	L with the ME FUNCTION UI BRIGHT ~ 9 ENU key and y select the V make similar ENU key and	NU key of the open control of the open control of the control of t	remote control unity /+ key to bring the values shown in set value. node for NORMAL in 3 above.
		V: Setting item	SM preset mode	COOL	NORMAL	WARM	
			1. BRIGHT SETTING	VALUE	+0	+0	+0
		2. CONT. SETTING VALUE		+12	+10	+2	
			3. COLOUR SETTING VALUE 4. SHARP SETTING VALUE 5. TINT SETTING VALUE		+6	+0	-2
					+0	+0	-2
					+0	+0	+0
			6. R DRIVE SETTING V	VALUE	-10	+15	+22
			7. B DRIVE SETTING V	/ALUE	-20	-25	-43
			8. BASS SETTING \	/ALUE	+0	+0	+0
			9. TREBLE SETTING \		+0	+0	+0
			1	SETTING VA	ALUES OF VS	SM PRESET	

VIDEO/CHROMA CIRCUIT ADJUSTMENT

The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

Setting I (Adjustmen		Initial setting value	
	R	-100	
1.CUTOFF	G	-100	
	В	-100	
- BBW5	R	+0	
2.DRIVE	В	+0	
3.BRIGHT	+0		
4.CONTRAST	4.CONTRAST		

	Colour system	Initial setting value		
Setting i	tem	PAL SECAM	NTSC 3.58 NTSC 4.43	
5.COLOUR		+0	+0	
	Composite VIDEO		+0	
6.TINT	S VIDEO		+0	
7.BLACK	R-Y	+0		
OFFSET	B-Y	+0		
8.SHARP		-15		
9.TEXT CONT		+0		

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment Signal of WHITE generator BALANCE (Low Light) Remote			1.CUT OFF (R)*** (G)***	Set the PICTURE MODE to COOL. Receive a black and white signal (colour off). Select 2. V/C from the SERVICE MENU. Select 1.CUT OFF with the FUNCTION UP/DOWN key.
	control unit (B)*** SCREEN VR [In HVT]	 Select the regular mode. Show one horizontal line with the 1 key. With the SCREEN VF adjust so that the horizontal line will not be too bright. Gradually turn the SCREEN VR from the left end to the right direction to bring one of the red, green or blue colour faint visible. Press 4~9 key, and bring out the other 2 colours and make on 		
Remote Control Unit H.LINE ON H.LINE OFF EXIT 1 2 3 R CUTOFF A G CUTOFF B CUTOFF A 4 5 6 R CUTOFF G CUTOFF B CUTOFF F 7 8 9			horizontal line visible in white. 8. Turn the SCREEN VR and bring one white horizontal line faintly visible. 9. Press 2 key, turn off 1.CUT OFF screen. 10. Press the MENU key and memorize the set value.	

ltem	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE (High Light)	Signal generator Remote control unit		2.DRIVE (R)*** (B)***	1. Receive a black and white signal (colour off). 2. Select 2.V/C from the SERVICE MENU. 3. Select 2.DRIVE with the FUNCTION UP/DOWN key. 4. Change the screen colour to white with 4 key or 7 key (Drive of Red), 6 key or 9 key (Drive of Blue). 5. Press the MENU key, and a service the menu key.
	4 5 (3) 6)	DRIVE(R) ▲ DRIVE(B) ▲ DRIVE(R) ▼ DRIVE(B) ▼	5. Press the MENU key, and memorize the set values.
Adjustment of SUB BRIGHT	Remote control unit			 Receive any broadcast. Select 2.V/C from the SERVICE MENU. Select 3.BRIGHT with the FUNCTION UP/DOWN key. Set the initial setting value with the FUNCTION -/+ key. If the brightness is not the best with the initial setting value, make fine adjustment until you get the best brightness. Press the MENU key and memorize the set value.
Adjustment of SUB CONT.	Remote control unit			 Receive any broadcast. Select 2.V/C from the SERVICE MENU. Select 4.CONT with the FUNCTION UP/DOWN key. Set the initial setting value with the FUNCTION - or + key. If the contrast is not the best with the initial setting value, make fine adjustment until you get the best contrast. Press the MENU key and memorize the set value.

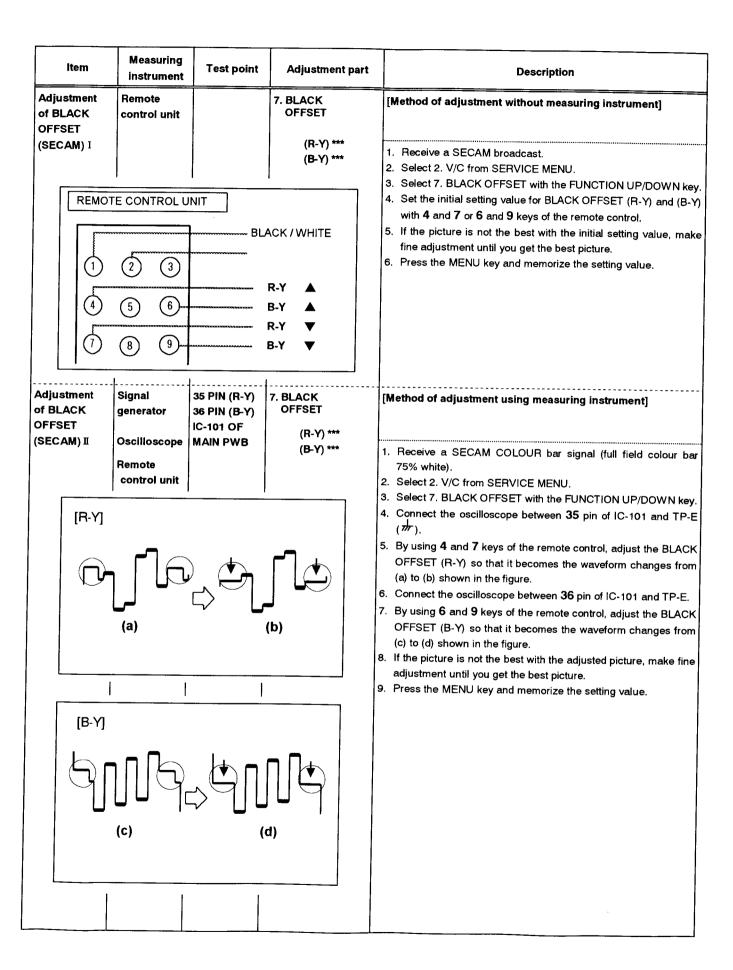
ltem	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB	Remote control unit		5.COLOUR (PAL~NTSC)	[Method of adjustment without using measuring instrument]
COLOUR I			PAL COLOUR	 (PAL COLOUR) Receive PAL broadcast. Select 2.V/C from the SERVICE MENU. Select 5.COLOUR with the FUNCTION UP/DOWN key. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. If the colour is not the best with the initial set value, make fine adjustment until you get the best colour. Press the MENU key and memorize the set value.
			SECAM COLOUR (AV-28WR2EN)	(SECAM COLOUR) 1. Receive a SECAM broadcast. Make fine adjustment of SECAM COLOUR in the same manner as for above.
			NTSC COLOUR	 (NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal from the EXT terminal. 2. Make similar fine adjustment of NTSC 3.58 COLOUR in the same manner as for above.
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR II	Signal generator Oscilloscope	TP-47B TP-E(卅) [CRT SOCKET	5.COLOUR (PAL~NTSC)	[Method of adjustment using measuring instrument]
	Remote control unit	PWB]	PAL COLOUR	(PAL COLOUR) 1. Receive a PAL full field colour bar signal(75% white). 2. Select 2.V/C from the SERVICE MENU. 3. Select 5.COLOUR with the FUNCTION UP/DOWN key. 4. Set the initial setting value of PAL COLOUR with the FUNCTION - or + key. 5. Connect the oscilloscope between TP-47B and TP-E(///r) 6. Adjust PAL COLOUR and bring the value of (A) in the illustration to +12V (voltage difference between white (w) and blue (B)). 7. Press the MENU key and memorize the setting value.
	(A)	0 (-)	SECAM COLOUR (AV-28WR2EN)	 (SECAM COLOUR) Receive a SECAM full field colour bar signal(75% white). Set the initial setting value of SECAM COLOUR with the FUNCTION -/+ key. Adjust SECAM COLOUR and bring the value of (A) of the illustration to +5V. Press the MENU key and memorize the setting value.
		1 1	NTSC COLOUR	 (NTSC 3.58 COLOUR) Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. Set the initial setting value of NTSC 3.58 COLOUR with the FUNCTION -/+ key. Adjust NTSC 3.58 COLOUR and bring the value of (A) of the illustration to +8V (W~B). Press the MENU key and memorize the setting value.
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

ltem	Measuring instrument	Test point	Adjustment part	Description
Adjustment of	Remote control unit		6.TINT	[Method of adjustment without using measuring instrument]
SUB TINT I			NTSC 3.58 TINT	 [NTSC 3.58 TINT] Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. Select 2.V/C from the SERVICE MENU. Select 6. TINT with the FUNCTION UP/DOWN key. Set the initial setting value of NTSC 3.58 TINT with the FUNCTION -/+ key. If you cannot get the best tint with the initial setting value, make fine adjustment until you get the best tint. Press the MENU key and memorize the set value.
			NTSC 4.43 TINT	[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.
Adjustment of	Signal generator	TP-47B TP-E(/)	6. TINT	[Method of adjustment using measuring instrument]
SUB TINT II	Oscilloscope Remote control unit	CRT SOCKET PWB]	NTSC 3.58 TINT	[NTSC 3.58 TINT] 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. 2. Select 2.V/C from the SERVICE MENU. 3. Select 6.TINT with the FUNCTION UP/DOWN key. 4. Set the initial setting value of NTSC 3.58 TINT with the FUNCTION - or + key. 5. Connect the oscilloscope between TP-47B and TP-E(///) 6. Adjust NTSC 3.58 TINT to bring the value of (A) in the illustration to +3V (voltage difference between white (W) and magenta (Mg)). 7. Press the MENU key and memorize the setting value
W	Cy Mg B	(+)	NTSC 4.43 TINT	[NTSC 4.43 TINT] 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

No.51228

25



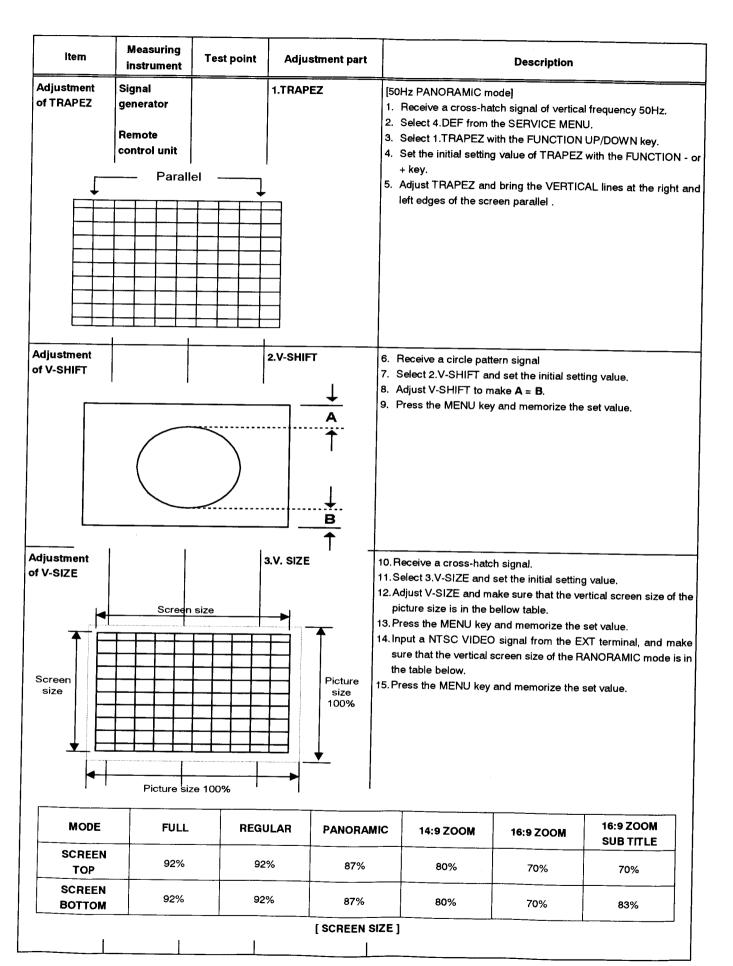
DEFLECTION CIRCUIT ADJUSTMENT

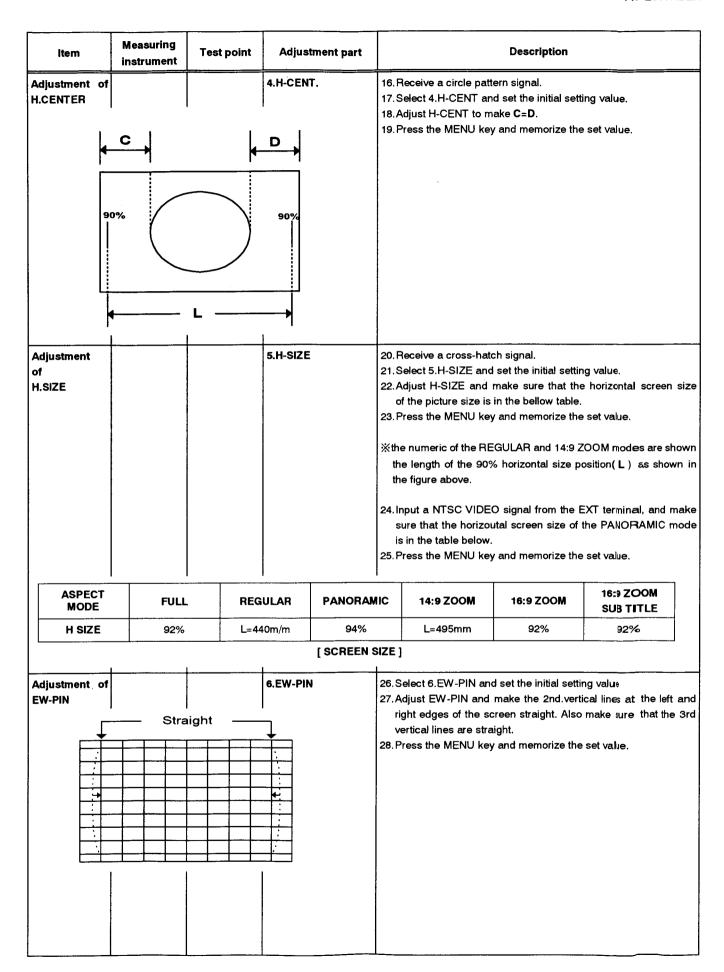
There are 5 modes of the adjustment (1) 50Hz mode (①PANORAMIC ②FULL ③REGULAR ④14:9 ZOOM ⑤16:9 ZOOM ⑥16:9 ZOOM SUB TITLE), (2) 60Hz mode (each aspect mode) ······ depending upon the kind of signals (vertical frequency 50Hz / 60Hz).

- When the 50Hz PANORAMIC mode has been established, the setting of other modes will be done automatically.
 However, if the picture quality has not been optimized, adjust each mode again, respectively.
- The adjustment using the remote control unit is made on the basis of the initial setting values.
- The setting values which adjust the screen to the optimum condition can be different from the initial setting values.

		Initial setting value						
Setting item	Adjustment name	50Hz mode						
		PANORAMIC	14:9 ZOOM	16:9 ZOOM	FULL			
1.TRAPEZ	Trapezoidal distortion correction	-12	-1	-1	+1			
2.V-SHIFT	Vertical center	+1	+0	-1	+0			
3.V-SIZE	Vertical height	-10	+10	+30	-15			
4.H-CENT	Horizontal center	-10	-10	-10	-10			
5.H-SIZE	Horizontal width	+21	-13	-8	-7			
6.EW-PIN	Side pin correction	-7	+0	+7	-7			
7.V-S.CR	Vertical height correction	+5	-8	-8	-10			
8.V-LIN	Vertical Linearity	+1	-1	-1	-1			
9.V-EDGE	Vertical edge correction	+7	+0	+0	+0			
10.EW-COR	Side pin four corner correction	+7	-1	+0	9			
11.ABL POINT	Auto beam limiter point	+0	+3	+0	+0			
12.ABL GAIN	auto beam limiter gain	+0	+2	+0	+0			

		Initial setting value					
Setting item	Adjustment name	50Hz	60Hz mode				
Colling Hom	,,	REGULAR	16:9 ZOOM SUB TITLE	PANORAMIC			
1.TRAPEZ	Trapezoidal distortion correction	+0	+2	-1			
2.V-SHIFT	Vertical center	+2	-16	+5			
3.V-SIZE	Vertical height	-12	+24	-2			
4.H-CENT	Horizontal center	-10	-10	-6			
5.H-SIZE	Horizontal width	-21	-7	+0			
6.EW-PIN	Side pin correction	-8	+2	-1			
7.V-S.CR	Vertical height correction	-10	-2	+0			
8.V-LIN	Vertical Linearity	-1	-7	+0			
9.V-EDGE	Vertical edge correction	+0	+0	+0			
10.EW-COR	Side pin four corner correction	-7	+1	-2			
11.ABL POINT	Auto beam limiter point	+3	+0	+0			
12.ABL GAIN	auto beam limiter gain	+2	+0	+0			





ltem	Measuring instrument	Test point	Adjustment part	Description
Adjustment of V-S.CR V-LIN V-EDGE			7.V-S.CR 8.V-LIN 9.V-EDGE	 ★ No alignment, but adjust this mode if result of no alignment is too bad. 29.Select 7.V-S.CR, 8.V-LIN and 9.V-EDGE and set the initial setting value. 30.Adjust each item to get exact square of cross-hatch pattern. 31.Press the MENU key and memorize the set value.
Adjustment of EW-COR			10.EW-COR	 ★ No alignment, but adjust this mode if result of no alignment is too bad. 32. Select 10.EW-COR and set the initial setting value. 33. Adjust EW-COR and make the vertical lines at the four corners of the screen straight. 34. Press the MENU key and memorize the set value.
				At first the adjustment in 50Hz-PANORAMIC mode should be done, then the data for the other zoom mode is corrected in the respective value at the same time. And confirm the deflection adjustment initial setting value in 60Hz(NTSC EXT mode) PANORAMIC mode. If the adjustment in 50Hz each zoom mode has been done and stored, the data for the same aspect modes in 60Hz is corrected in the respective value. Only the data for the other aspect mode in 60Hz is corrected for itself.
Adjustment of H.BLANKING			H.BLK Capacitor [In MAIN PWB]	Receive the PAL circle pattern in REGULAR mode. Adjust the H.BLK capacitor to equalize widths H and H' as figure.
	₩ H	₩ H'	+	
	· [7	ı п	1	

AUDIO CIRCUIT ADJUSTMENT

• Do not touch 3.AUDIO(1. CONC LIMIT, 2. A2 ID THR) of the SERVICE MENU as it requires no adjustment.

3. AUDIO

Setting item	Variable range	fixed value
1. CONC LIMIT <i>(Do not adjust)</i>	00H∼FFH	0AH
2. A2 ID THR <i>(Do not adjust)</i>	00H∼FFH	19H

PARTS LIST

CAUTION

- The parts identified by the Asymbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines in the Parts No. columns will not be supplied .
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- As a rule, the resistors and capacitors which are indicated as shown in "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS" are not shown in the list of the parts on the board.

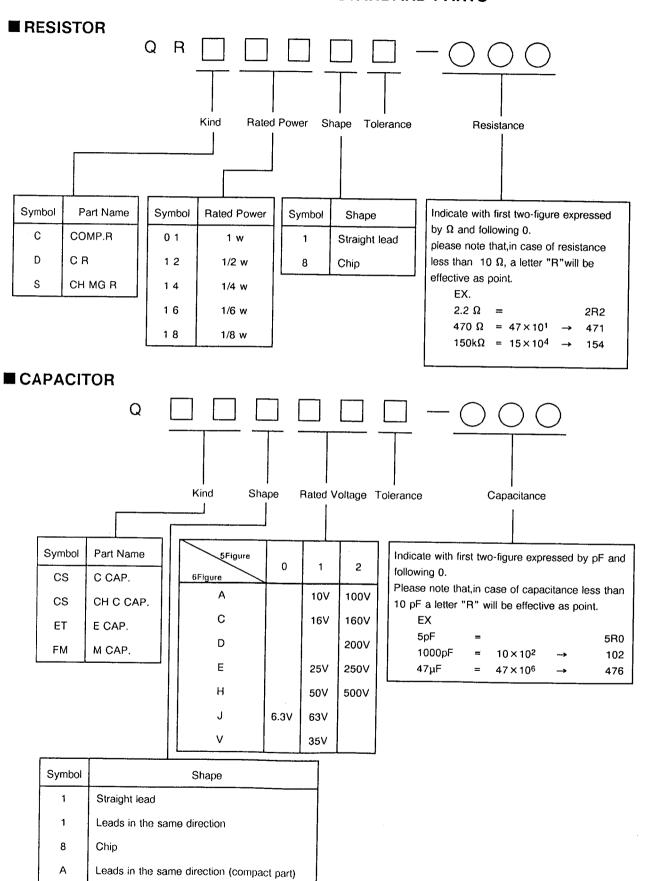
When ordering the service parts, confirm the resistance/rated power, capacitance/rated voltage, and type of the parts, then order by the part No. indicated according to "HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS".

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

	RESISTORS	CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MPR	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

	TOLERANCES								
F.	G	J	К	М	N	R	Н	Z	P
± 1%	± 2%	± 5%	± 10%	± 20%	±30%	+30%	+50%	+80%	+ 100%

HOW TO EXPRESS PARTS NUMBERS OF STANDARD PARTS



CONTENTS ■ USING P.W. BOARD & REMOTE CONTROL	. UNIT	33
		34 35
■ EXPLODED VIEW		36
■ PRINTED WIRING BOARD PARTS LIST [AV-28WR2EN]		
 MAIN PW BOARD ASS'Y AUTO ASPECT MODULE PW BOARD ASS'Y POWER DEF PW BOARD ASS'Y CRT SOCKET PW BOARD ASS'Y FRONT CONTROL PW BOARD ASS'Y DOLBY PW BOARD ASS'Y IF PW BOARD ASS'Y AV TERMINAL PW BOARD ASS'Y 	(SJF-1002A-U2) (SJF0W001A(U)) (SJF-2002A-U2) (SJF-3002A-U2) (SJF-8002A-U2) (SJF0D001A-U2) (SJF0F001A-U2) (SJF0J001A-U2)	37 41 45 46 46 48 49
 [AV-28WR2EK] MAIN PW BOARD ASS'Y AUTO ASPECT MODULE PW BOARD ASS'Y POWER DEF PW BOARD ASS'Y CRT SOCKET PW BOARD ASS'Y FRONT CONTROL PW BOARD ASS'Y DOLBY PW BOARD ASS'Y IF PW BOARD ASS'Y AV TERMINAL PW BOARD ASS'Y 	(SJF-1902A-U2) (SJF0W001A(U)) (SJF-2002A-U2) (SJF-3002A-U2) (SJF-8002A-U2) (SJF0D001A-U2) (SJF0F901A-U2) (SJF0J001A-U2)	50 54 58 59 59 61 62
		63 63
■ PACKING		64

USING P.W. BOARD & REMOTE CONTROL UNIT

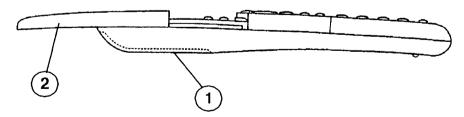
Model	AV-28WR2EN	AV-28WR2EK
P.W.B ASS'Y		
MAIN P.W.B	SJF-1002A-U2	SJF-1902A-U2
POWER DEF P.W.B	SJF-2002A-U2	←
CRT SOCKET P.W.B	SJF-3002A-U2	—
FRONT CONTROL P.W.B	SJF-8002A-U2	←
DOLBY P.W.B	SJF0D001A-U2	←
IF P.W.B	SJF0F001A-U2	SJF0F901A-U2
AV TERMINAL P.W.B	SJF0J001A-U2	4
AUTO ASPECT MODULE P.W.B	SJF0W001A(U)	←
REMOTE CONTROL UNIT	RM-C793-1E	RM-C792-1E

AV-28WR2EN

EXPLODED VIEW PARTS LIST

Δ	Ref. No.	Part No.	Part Name	Description	Local
Δ	L01 V01 T2551 1 2	CELD061-001J2 W66ESF002X14 CETH019-00AJ1 CHGB0029-0B CHGB0017-0B	DEG COIL CRT(ITC) H.V.TRANSF. BRAIDED ASSY BRAIDED SUB ASSY	(Inc.DY,PC,WED) (SERVICE) (×2)	* *
	3 4 5	CM36311-001 CHFB125-06BD CM12931-A01-E	KNOB CAP FFC WIRE CONTROL BASE		*
<u> </u>	7 8 9 10 11	CM12930-B01-E CM12924-C03-E SBSB3012M AEEMP001-185 CM46618-A01-E CM12582-A04-KD	CHASSIS BASE AV TERMINAL BASE TAPPING SCREW POWER CORD POWER CORD CLAMP REAR COVER	(×5)For AV TERM.BOARD	* * *
Δ	13 14	GBSA4016N CM23157-006-E	TAPPING SCREW RATING LABEL	($ imes$ 13)For R.COVER For GBR/GER/ITA	*
	15 100 101 102 103 104 105 106	CM23049-006-E CM12833-A0C-E CM35865-00C CM35865-00D CM36223-002-H CM36171-00A-H CM35235-003-H CM36225-009	RATING LABEL FRONT CABINET INSULATER(L) INSULATOR(R) L.E.D.LENS SP NET ASSY SPRING POWER KNOB	For GBR/ESP/FRA Inc.No.101~112 (SERVICE) (SERVICE) (×2) (SERVICE)	*
	107 108 109 110 111 112 200	CM48125-001 CM48229-00A CM36618-001-E CM22898-007 CM48076-002-H CM35893-A01 CEBSF10P-06KJ6 2528MXSP-1SWE	JVC MARK DOOR LATCH OPERATION SHEET CONTROL DOOR C.D.S.WINDOW CHASSIS RAIL SPEAKER DOME SPEAKER	(SERVICE) (SERVICE) (×2) (×2)SP001,SP02 (×2)Inc.No.202,203	*
	202 203	CHGS0057-0A-N CM12878-B01-E	S.P WIRE ASSY SPEAKER BOX	(×2) (×2)(DOME BOX)	*

REMOTE CONTROL UNIT



REMOTE CONTROL UNIT PARTS LIST

[RM-C793-1E]

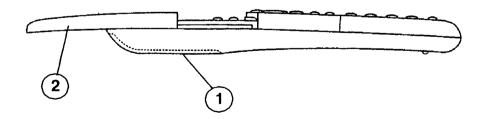
△ Symbol No.	Part No.	Part Name	Description	Local
1 2	BGV110201A BGV110307A	BATTERY COVER SLIDE COVER		

AV-28WR2EK

EXPLODED VIEW PARTS LIST

⚠ Ref.	No.	Part No.	Part Name	Description	Local
<u> </u>	·····	CELD061-001J2	DEG COIL		*
∆ V01		W66ESF002X14	CRT(ITC)	(Inc.DY,PC,WED)	*
∆ T255	1	CETH019-00AJ1	H.V.TRANSF.	(SERVICE)	
1		CHGB0029-0B	BRAIDED ASSY		*
2		CHGB0017-0B	BRAIDED SUB ASSY	(×2)	*
3		CM36311-001	KNOB CAP		
4		CHFB125-06BD	FFC WIRE		*
5		CM12931-A01-E	CONTROL BASE		*
7		CM12930-B01-E	CHASSIS BASE		*
8		CM12924-C03-E	AV TERMINAL BASE		*
9		SBSB3012M	TAPPING SCREW	$(\times 5)$ For AV TERM.BOARD	*
△ 10		AEEMP003-185A	POWER CORD		*
△ 11		CM46618-A01-E	POWER CORD CLAMP		*
∆ 12		CM12582-A04-KD	REAR COVER		
13		GBSA4016N	TAPPING SCREW	$(\times 13)$ For R.COVER	*
△ 14		CM23047-004-E	RATING LABEL		*
100		CM12833-A0C-E	FRONT CABINET	Inc.No.101~112	*
101		CM35865-00C	INSULATER(L)	(SERVICE)	
102		CM35865-00D	INSULATOR(R)	(SERVICE)	
103		CM36223-002-H	L.E.D.LENS		
104		CM36171-00A-H	SP NET ASSY	(×2)	
105		CM35235-003-H	SPRING		
106		CM36225-009	POWER KNOB	(SERVICE)	
107		CM48125-001	JVC MARK		
108		CM48229-00A	DOOR LATCH		
109		CM36618-001-E	OPERATION SHEET		
110		CM22898-007	CONTROL DOOR	(SERVICE)	
111		CM48076-002-H	C.D.S.WINDOW	•	
112		CM35893-A01	CHASSIS RAIL	(×2)	
200		CEBSF10P-06KJ6	SPEAKER	(×2)SP01,SP02	
201		2528MXSP-1SWE	DOME SPEAKER	(×2)Inc.No.202,203	*
202		CHGS0057-0A-N	S.P WIRE ASSY	(×2)	
203		CM12878-B01-E	SPEAKER BOX	$(\times 2)(DOME\ BOX)$	*

REMOTE CONTROL UNIT



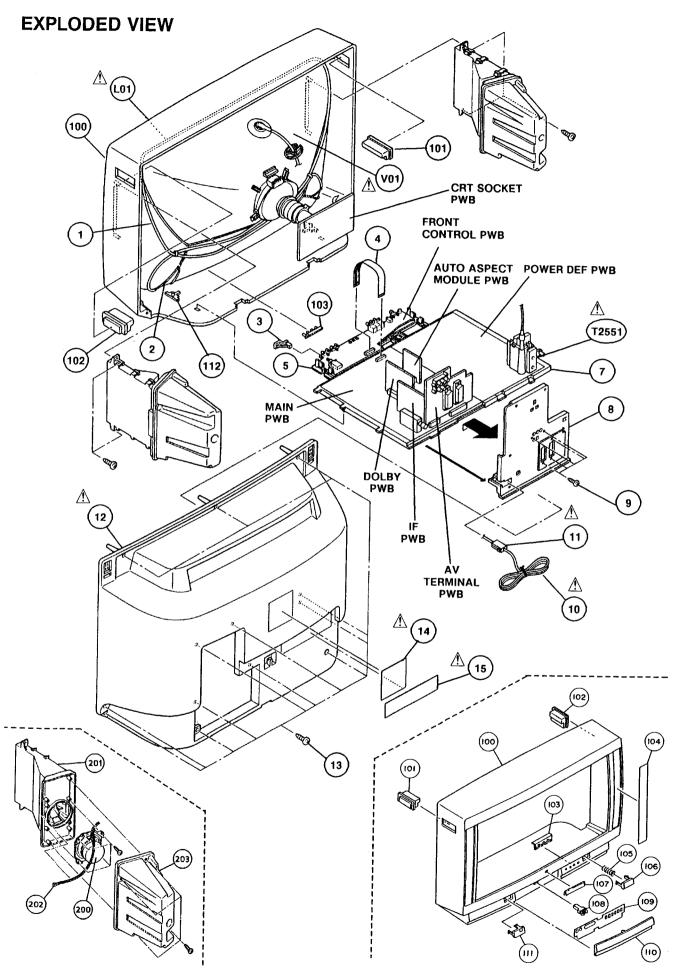
REMOTE CONTROL UNIT PARTS LIST

[RM-C792-1E]

⚠ Symbol No.	Part No.	Part Name	Description	Loca
1 2	BGV110201A BGV110306A	BATTERY COVER SLIDE COVER		

No.51228

35



PRINTED WIRING BOARD PARTS LIST

AV-28WR2EN

MAIN PW BOARD ASS'Y (SJF-1002A-U2)

Δ	Symbol No.	Part No.	Part Name	Description	on		Local
Δ	RESIST R1001 R1202 R1204 R1232 R1252 R1687-88 R1701 R1702	O R QRD12CJ-474SX QRD14CJ-271SX QRG019J-101S QRG019J-101S QRZ0054-470M QRD12CJ-4R7SX QRB049J-472 QRB069J-103	C R C R OM R OM R F R C R NETW.R	470k Ω 270 Ω 100 Ω 100 Ω 47 Ω 4.7 Ω 4.7k Ω 10k Ω	1/2W 1/4W 1W 1W 1/4W 1/2W	J J J J	**
	R1791-92 R1796 R1901 R1902 R1962	QRB049J-103 QRB079J-103 QRG029J-470A QRG019J-181S QRG019J-121S	NETW.R NETW.R OM R OM R OM R	10k Ω 10k Ω 47 Ω 180 Ω 120 Ω	2W 1W 1W	J J J	**
	C A P A C I C1001 C1003 C1004 C1005 C1006 C1007-08 C1101 C1102	T O R QETN1HM-226Z QETN1CM-108Z QETN1HM-106Z QCZ0120-104MZ QETN1CM-107Z QCZ0120-104MZ QETN1CM-107Z QCZ0120-104MZ	E CAP. E CAP. C CAP. C CAP. C CAP. C CAP. C CAP. C CAP.	22 μ F 1000 μ F 10 μ F 0.1 μ F 100 μ F 0.1 μ F 100 μ F 0.1 μ F	50V 16V 50V 25V 16V 25V 16V 25V	M M Z M Z M Z	**
	C1103 C1104 C1105 C1109 C1110 C1111 C1113-15 C1116	QFLC1HJ-104MZ QFLC1HJ-823MZ QETN1HM-474Z QETN1CM-477Z QCT25CH-120Z QETN1HM-106Z QFLC1HJ-104MZ QETN1HM-225Z	M CAP. M CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. M CAP.	0.1 μ F 0.082 μ F 0.47 μ F 470 μ F 12 p F 10 μ F 0.1 μ F 2.2 μ F	50V 50V 50V 16V 50V 50V 50V	J M M J M J	* * * *
	C1117 C1118-20 C1121 C1122 C1124-25 C1126 C1128 C1161	QFLC1HJ-103MZ QETN1HM-105Z QETN1HM-475Z QETN1CM-107Z QETN1CM-106Z QETN1CM-476Z QCT25CH-390Z QETN1CM-476Z	M CAP. E CAP. E CAP. E CAP. E CAP. C CAP. C CAP. E CAP.	0.01 µ F 1 µ F 4.7 µ F 100 µ F 10 µ F 47 µ F 39 p F 47 µ F	50V 50V 50V 16V 50V 16V 50V 16V	J M M M M M J	*
	C1164 C1165-66 C1167 C1201 C1202 C1203 C1204-05 C1206-07	QCT25CH-820Z QCT25CH-470Z QCT25CH-180Z QETN1CM-227Z QETN1CM-107Z QEN61HM-106Z QETN1HM-105Z QETN1HM-106Z	C CAP. C CAP. C CAP. E CAP. E CAP. BP E CAP. E CAP. E CAP.	82 p F 47 p F 18 p F 220 µ F 100 µ F 10 µ F 1 µ F 10 µ F	50V 50V 50V 16V 16V 50V 50V	J J M M M M	* * * * * * * * * *
	C1208 C1209 C1211-12 C1215-16 C1217-18 C1221 C1222 C1223	QETN1CM-477Z QETN1CM-476Z QETN1CM-107Z QETN1HM-105Z QETN1HM-106Z QETN1CM-107Z QCZ012O-104MZ QETN1CM-477Z	E CAP. E CAP. E CAP. E CAP. E CAP. C CAP. C CAP.	470 μ F 47 μ F 100 μ F 1 μ F 10 μ F 100 μ F 0.1 μ F 470 μ F	16V 16V 16V 50V 50V 16V 25V	M M M M M M Z	** ** ** ** ** **
	C1224 C1226 C1230-31 C1401 C1451	QEN61CM-106Z QCZ0120-104MZ QETN1HM-106Z QETN1HM-105Z QETN1HM-106Z	BP E CAP. C CAP. E CAP. E CAP. E CAP.	10 μ F 0.1 μ F 10 μ F 1 μ F 10 μ F	16V 25V 50V 50V 50V	M Z M M	* *

No.51228

37

∆ Symbol No	. Part No.	Part Name	Descript			
		, are mane	Descript	1011		Local
C A P A C C1452 C1453 C1454 C1455 C1456 C1457 C1501 C1507	C I T O R QCT25CH-820Z QCT25CH-180Z QCT25CH-221Z QCT25CH-390Z QAT3110-300A QCT25CH-5R0Z QETN1CM-107Z QETN1HM-105Z	C CAP. C CAP. C CAP. C CAP. TRIM.CAP. C CAP. E CAP.	82 p F 18 p F 220 p F 39 p F 30 p F 5 p F 100 µ F 1 µ F	50V 50V 50V 50V 100V 50V 16V 50V	J J J M M	** ** ** ** **
C1601-02 C1605-06 C1607-08 C1609-10 C1613 C1614-15 C1616 C1617-18	QCT25CH-2R0Z QETN1HM-106Z QCZ0120-104MZ QEN61HM-105Z QCZ0120-104MZ QETN1HM-106Z QCZ0120-104MZ QETN1HM-106Z	C CAP. E CAP. C CAP. BP E CAP. C CAP. E CAP. C CAP. E CAP. C CAP.	2 p F 10 μ F 0.1 μ F 1 μ F 0.1 μ F 10 μ F 10 μ F	50V 50V 25V 50V 25V 50V 25V 50V	J M Z M Z M Z	* * * * * * * *
C1635-36 C1637 C1638-39 C1641 C1643-44 C1645 C1646 C1649-50	QETN1HM-105Z QETN1CM-107Z QEN61HM-105Z QETN1CM-476Z QETN1HM-105Z QETN1HM-226Z QETN1HM-477Z QETN1HM-225Z	E CAP. E CAP. BP E CAP.	1 μ F 100 μ F 1 μ F 47 μ F 1 μ F 22 μ F 470 μ F 2.2 μ F	50V 16V 50V 16V 50V 50V 10V 50V	M M M M M M	* * * * * *
C1651-54 C1655 C1656 C1657 C1660-61 C1662-65 C1666 C1668	QCZ0120-104MZ QETN1CM-476Z QETN1HM-226Z QETN1AM-477Z QETN1HM-225Z QCZ0120-104MZ QETN1HM-105Z QETN1HM-106Z	C CAP. E CAP. E CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP.	0.1 μ F 47 μ F 22 μ F 470 μ F 2.2 μ F 0.1 μ F 1 μ F 10 μ F	25V 16V 50V 10V 50V 25V 50V 50V	Z M M M M Z M	* * * * * *
C1669 C1671 C1672 C1674-75 C1676 C1678 C1679 C1680	QETN1HM-105Z QETN1HM-106Z QETN1HM-105Z QETN1HM-106Z QETN1HM-105Z QETN1HM-106Z QETN1HM-105Z QETN1HM-105Z QFLC1HJ-393MZ	E CAP. E CAP. E CAP. E CAP. E CAP. E CAP. M CAP.	1 μ F 10 μ F 1 μ F 10 μ F 1 μ F 10 μ F 1 μ F 0.039 μ F	50V 50V 50V 50V 50V 50V 50V 50V	M M M M M M M	* * * * * * *
C1683 C1684 C1685 C1688 C1689-90 C1691-94 C1695 C1696-97	QETN1CM-107Z QFLC1HJ-393MZ QETN1HM-105Z QETN1CM-107Z QETN1HM-105Z QFV71HJ-224MZ QETN1HM-106Z QCZ0120-104MZ	E CAP. M CAP. E CAP. E CAP. TF CAP. E CAP. C CAP.	100 µ F 0.039 µ F 1 µ F 100 µ F 1 µ F 0.22 µ F 10 µ F 0.1 µ F	16V 50V 50V 16V 50V 50V 50V 25V	M J M M J M Z	* * * * * * *
C1698-99 C1702 C1703 C1704 C1705 C1706 C1707 C1709	QETN1CM-107Z QCZ0120-104MZ QETN1HM-106Z QETN1AM-227Z QCZ0120-104MZ QFLC1HJ-683MZ QETN1HM-105Z QCT25CH-180Z	E CAP. C CAP. E CAP. C CAP. C CAP. M CAP. E CAP. C CAP.	100 µ F 0.1 µ F 10 µ F 220 µ F 0.1 µ F 0.068 µ F 1 µ F 18 p F	16V 25V 50V 10V 25V 50V 50V	M Z M M Z J M	* * * * * * * *
C1711 C1712 C1715 C1716 C1718 C1719 C1723	QCZ0120-104MZ QETN1AM-107Z QFLC1HJ-333MZ QFLC1HJ-104MZ QCT25CH-180Z QCZ0120-104MZ QEN61HM-105Z	C CAP. E CAP. M CAP. M CAP. C CAP. C CAP. BP E CAP.	0.1 μ F 100 μ F 0.033 μ F 0.1 μ F 18 p F 0.1 μ F 1 μ F	25V 10V 50V 50V 50V 25V 50V	Z M J J Z M	* * * * * *

△ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I C1761 C1764 C1765 C1781 C1782 C1807 C1809 C1811	TOR QETN1HM-106Z QETN1CM-476Z QCZ0120-104MZ QCZ0120-104MZ QETN1HM-106Z QETN1CM-476Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z	E CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	1 μ F 50V 47 μ F 16V 0.1 μ F 25V 0.1 μ F 25V 10 μ F 50V 47 μ F 16V 10 μ F 50V 10 μ F 50V	M * M * Z * Z * M * M * M * M * M
C1812 C1813 C1816 C1818 C1820-21 C1822 C1826 C1827	QETN1CM-107Z QETN1HM-106Z QETN1HM-226Z QFLC1HJ-223MZ QCT25CH-150Z QFV71HJ-104MZ QCZ0120-104MZ QETN0JM-477Z	E CAP. E CAP. E CAP. M CAP. C CAP. TF CAP. C CAP. E CAP.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	M * M * J * J * J Z * M *
C1828 C1829 C1861-65 C1866 C1901 C1902 C1903 C1904-05	QCZ0120-104MZ QFLC1HJ-104MZ QETN1HM-105Z QETN1CM-476Z QETN1CM-107Z QCZ0120-104MZ QETN1CM-107Z QETN1CM-107Z QETM1EM-228	C CAP. M CAP. E CAP. E CAP. C CAP. C CAP. E CAP. E CAP.	$\begin{array}{cccc} 0.1 \mu F & 25 \text{V} \\ 0.1 \mu F & 50 \text{V} \\ 1 \mu F & 50 \text{V} \\ 47 \mu F & 16 \text{V} \\ 100 \mu F & 16 \text{V} \\ 0.1 \mu F & 25 \text{V} \\ 100 \mu F & 16 \text{V} \\ 2200 \mu F & 25 \text{V} \\ \end{array}$	Z * J * M * M * M * Z * M * M *
C1906 C1907-08	QETN1CM-107Z QFV71HJ-104MZ	E CAP. TF CAP.	100 μ F 16V 0.1 μ F 50V	м * Ј
C O I L L1001 L1002-04 L1005 L1101-02 L1103 L1104 L1161 L1162	CELP026-270Z CELP026-8R2Z CELP026-5R6Z CELP026-4R7Z CELP026-330Z CELP026-4R7Z CELP027-180Z CELP027-220Z	PEAKING COIL	27 µ H 8.2 µ H 5.6 µ H 4.7 µ H 33 µ H 4.7 µ H 18 µ H 22 µ H	* * * * * *
L1601-02 L1603 L1701-02 L1801 L1802	CELC005-2R5J7 CELP026-100Z CELP026-4R7Z CELP026-3R3Z CELP026-4R7Z	CHOKE COIL PEAKING COIL PEAKING COIL PEAKING COIL PEAKING COIL	10 μ Η 4.7 μ Η 3.3 μ Η 4.7 μ Η	* * *
D I O D E D1101 D1201 D1202-03 D1204 D1453 D1501-02 D1602-03 D1604	1SS133-T2 MTZJ4.7(A)-T2 1SS133-T2 MTZJ10(A)-T2 1SS133-T2 1SS133-T2 MTZJ15(A)-T2 MTZJ15.2(B)-T2	SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE ZENER DIODE ZENER DIODE ZENER DIODE		* * * * * * *
D1605-06 D1607 D1608 D1609 D1610 D1611-14 D1615-17 D1618-21	MTZJ15(A)-T2 1SS133-T2 MTZJ6.2(B)-T2 1SS133-T2 MTZJ6.2(B)-T2 1SS133-T2 MTZJ5.6(B)-T2 BYW95B-20	ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		**
D1701-02 D1711 D1714 D1762 D1764-65	MA700-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE		* * * * * * * * * * * * * * * * * * *

No.51228 39

Δ	Symbol No.	Part No.	Part Name	Description	Local
	D I O D E D1801-02 D1862-63 D1901 D1964	1SS133-T2 MTZJ15(B)-T2 RD8.2ES(B2)-T2 MTZJ5.1(B)-T2	SI.DIODE ZENER DIODE ZENER DIODE ZENER DIODE		**
	T R A N S Q1101 Q1102 Q1103 Q1163 Q1201-02 Q1203 Q1204-05 Q1206	ISTOR 2PA1015(YG)-T 2PC1815(YG)-T DTC124ESA-T 2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T DTC323TS-T 2PC1815(YG)-T	SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR		* * * * * *
	Q1207 Q1208-09 Q1210-11 Q1212 Q1451 Q1452 Q1501 Q1502	2PA1015(YG)-T 2PC1815(YG)-T DTC323TS-T 2PC1815(YG)-T DTC124ES-T 2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T	SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		* * * * * *
	Q1603 Q1604-05 Q1606-08 Q1609-10 Q1611 Q1612-13 Q1701-02 Q1703	DTC144ES-T DTC323TS-T 2PA1015(YG)-T DTC323TS-T DTC144ES-T 2PC1815(YG)-T 2PC1815(YG)-T DTC144ESA-T	DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR		* * * *
(Q1761 Q1762 Q1763 Q1764 Q1765 Q1766 Q1771 Q1801	DTC144ESA-T 2PA1015(YG)-T DTC144ES-T DTC323TS-T 2PA1015(YG)-T DTC323TS-T 2PA1015(YG)-T 2PA1015(YG)-T	DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		* * * * *
(Q1802 Q1806-07 Q1861	DTC124ES-T 2PC1815(YG)-T DTC144ES-T	DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		*
]]]] []	I C IC1101 IC1201 IC1451 IC1601 IC1602 IC1604-05 IC1606 IC1607-10	TB1227AN TEA6416 MC14538BCP MSP3410B-PP-F7 BA4558 TDA7315 TC4052BP BA4558	I.C.(DIGI-OTHER) I.C.(MONO-ANA) I.C.(DIGI-MOS) I.C.(DIGI-OTHER) I.C.(MONO-ANA) I.C.(DIGI-OTHER) I.C.(DIGI-MOS) I.C.(MONO-ANA)		* * * *
I I I I I	C1611 C1701 C1702 C1703 C1704 C1705 C1781 C1801	TDA7265 M37271MF-213SP L78LR05E-MA AT24C1628WR2EN JLC1562BN AT24C16-10PC JLC1562BN TC4053BP	I C I.C.(MICRO-COMP) I.C.(MONO-ANA) I.C. I.C.(DIGI-MOS) I.C.(EP-ROM) I.C.(DIGI-MOS) I.C.(DIGI-MOS)	(SERVICE)	*
I	C1802 C1803 C1861 C1901	CF70206 CF72417 TC4052BP AN78L05-Y	I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C.(DIGI-MOS) I.C.(MONO-ANA)		* * *

riangle Symbol No.	Part No.	Part Name	Description	Loca1
OTHERS	S			
CN1001	CHC108N-25T-AE	FFC CONNECTOR		*
CN1002-03	CHB302W-20R-AE	20P DINM RECEPTA		*
CN1007	CH42151-012RT	JL RECEPTACLE		
CN1008	CHA401N-15P-J	HQF CONNECTOR		*
CN1009	CHA401B-25P-J	HQF PLUG		*
EF1601-02	CE42142-103Z	EMI FILTER		
K1001-03	CE41433-001Z	BEADS CORE		*
TH1451-52	ERT-D2ZHL503S	N.THERMISTOR		
TU1001	CEEK481-B02	TUNER		*
X1101	OAX0305-001Z	CRYSTAL		*
X1601	ČE42546-001	CRYSTAL		*
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*
	~~~~~~~~~	AUTO ASPECT MODUL	E PWB (As follows)	

#### AUTO ASPECT MODULE PW BOARD ASS'Y ( SJF0W001A(U) )

This PW Board Ass'y is included in the above MAIN PW Board Ass'y.

	Part No.	Part Name	Description	Local
MD001	SJF0W001A(U)	AUTO ASPECT MODULI	E PWB	

### POWER/DEF PW BOARD ASS'Y (SJF-2002A-U2)

Loca		on	Descripti	Part Name	Part No.	Symbol No.
			,		OR	RESIST
	F	1/4W	3.92kΩ	MF R	QRV141F-3921AY	R2407
	J	1W	2.2 Ω	MF R	QRX019J-2R2S	R2414
	J	1W	220 Ω	OM R	QRG019J-221S	R2417
	J	1/4W	2.2 Ω	C R	QRD14CJ-2R2SX	R2466
1	F	1/4W	6.2kΩ	MF R	QRV141F-6201AY	R2474
	F	1/4W	12k Ω	MF R	QRV141F-1202AY	R2481
	F	1/4W	6.8kΩ	MF R	QRV141F-6801AY	R2482
•	J	3W	18 Ω	OM R	QRG039J-180A	R2496
	J	2W	1.8k Ω	OM R	QRG029J-182	R2510
	J	2W	2.2kΩ	OM R	QRG029J-222	R2511
	J	2W	8.2kΩ	OM R	QRG029J-822	R2522
	J	10W	10 Ω	UNF R	QRF104J-100	R2524
	F	1/4W	3.01kΩ	MF R	QRV141F-3011AY	R2585
	F	1/4W	15.8kΩ	MF R	QRV141F-1582AY	R2586
	K	10W	3.9 Ω	UNF R	QRF104K-3R9	R2901
•	J	3W	33k Ω	OM R	QRG039J-333	R2904
•	J	3W	47k Ω	OM R	QRG039J-473	R2905
	J	5W	0.22 Ω	MP R	QRM059J-R22	R2906
	J	7W	1k Ω	UNF R	QRF074J-102	R2951
	Ĵ	2W	18 Ω	OM R	QRG029J-180A	R2953
	J	2W	15 Ω	OM R	QRG029J-150A	R2954
	Ĵ	2W	10 Ω	OM R	QRG029J-100A	R2955
	Ĵ	2W	47k Ω	OM R	QRG029J-473A	R2958

No.51228 41

<u> </u>	Symbol No.	Part No.	Part Name	Description	Local
Δ	RESIS R2967 R2991	T O R QRG029J-223 QRZ0057-825	OM R C R	22kΩ 2W J 8.2MΩ 1W J	
	C A P A C C2401 C2402 C2403 C2404 C2405 C2407-08 C2409 C2410	I T O R     QETN1CM-107Z     QFLC1HJ-152MZ     QETB1VM-108     QETN1VM-107Z     QETN1HM-105Z     QFLC1HJ-104MZ     QFLC2AJ-393MZ     QFLC2AJ-563MZ	E CAP. M CAP. E CAP. E CAP. E CAP. M CAP. M CAP. M CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	*
	C2413 C2415 C2453 C2462 C2463 C2464 C2465 C2466	QFVC1HJ-154Z QETN1HM-106Z QETN1CM-107Z QFP31HG-273S QEM61EK-225MZ QFV71HJ-184MZ QFV71HJ-823MZ QETN1CM-108Z	TF CAP. E CAP. E CAP. PP CAP. E CAP. TF CAP. TF CAP. E CAP.	$\begin{array}{ccccc} 0.15\muF & 50V & J \\ 10\muF & 50V & M \\ 100\muF & 16V & M \\ 0.027\muF & 50V & G \\ 2.2\muF & 25V & K \\ 0.18\muF & 50V & J \\ 0.082\muF & 50V & J \\ 1000\muF & 16V & M \end{array}$	*
	C2467 C2468 C2469 C2470 C2480 C2481 C2482 C2484	QCZ0120-104MZ QFLC1HJ-103MZ QFLC1HJ-393MZ QEM61HK-475MZ QFLC1HJ-273MZ QETN1HM-106Z QETN1HM-105Z QFLC1HJ-123MZ	C CAP. M CAP. M CAP. E CAP. M CAP. E CAP. E CAP. M CAP.	$\begin{array}{ccccc} 0.1\muF & 25V & Z \\ 0.01\muF & 50V & J \\ 0.039\muF & 50V & J \\ 4.7\muF & 50V & K \\ 0.027\muF & 50V & J \\ 10\muF & 50V & M \\ 1\muF & 50V & M \\ 0.012\muF & 50V & J \end{array}$	* * * * * * *
<b>△</b>	C2485 C2486 C2510 C2521 C2522 C2523 C2524-25 C2526	QCZ0120-104MZ QETN1CM-227Z QEHC2CM-105MZ QFZ0122-242S QFZ0117-1202S QFP32GJ-273M QFZ0119-624S QETN2EM-475Z	C CAP. E CAP. E CAP. MPP CAP. MPP CAP. PP CAP. MPP CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	% * *
Δ	C2528 C2529 C2531 C2532 C2536 C2553-54 C2555 C2556	QETM2CM-227 QFZ0128-393S QFZ0119-224S QFZ0119-354S QFLC1HJ-122MZ QETN1EM-108Z QETN2EM-106Z QFV71HJ-104MZ	E CAP. MPP CAP. MPP CAP. MPP CAP. M CAP. E CAP. E CAP. TF CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	* * * *
	C2571 C2572 C2581 C2582 C2583 C2902 C2903 C2904	QETCOJM-107Z QETN1CM-476Z QETN1AM-227Z QETN2AM-106Z QEN61HM-105Z QCZ9034-472A QCZ9034-472A QCZ9034-472A	E CAP. E CAP. E CAP. E CAP. BP E CAP. C CAP. C CAP. C CAP.	100 μ F 6.3V M 47 μ F 16V M 220 μ F 10V M 10 μ F 100V M 1 μ F 50V M 4700 p FAC400V P 4700 p FAC400V P 4700 p FAC400V P	* * * * * *
(	C2905 C2908 C2910 C2911 C2915 C2917 C2918 C2920	QEZ0167-227M QCZ0122-391A QCZ0122-151A QCZ0122-221A QETN1EM-107Z QFLC1HJ-102MZ QFLC1HJ-104MZ QETN1HM-105Z	E CAP. C CAP. C CAP. C CAP. E CAP. M CAP. M CAP. E CAP.	220 µF 385V M 390 pF 2000V K 150 pF 2000V K 220 pF 2000V K 100 µF 25V M 1000 pF 50V J 0.1 µF 50V J 1 µF 50V M	* * * * * *
<b>△</b> C	2921 2934 2951	QFLC1HJ-392MZ QFZ9040-473N QCZ0122-221A	M CAP. MM CAP. C CAP.	3900 p F 50V J 0.047 μ FAC275V M 220 p F 2000V K	*

∆ Symbol No.	Part No.	Part Name	Description	Local
C A P A C I C2952-53 C2958 C2959 C2960 C2961 C2962 C2964-66 C2967	T O R QCZ0132-102AZ QEZ0203-227 QEZ0125-228R QEZ0106-128R QEZ0125-228R QEHB1VM-108M QCZ0120-104MZ QETN1AM-227Z	C CAP. E CAP. E CAP. E CAP. E CAP. C CAP. E CAP. C CAP.	1000 p F 500V K 220 μ F 160V M 2200 μ F 25V M 1200 μ F 10V M 2200 μ F 25V M 1000 μ F 35V M 0.1 μ F 25V Z 220 μ F 10V M	* * *
C2968 C2969 C2971-72 C2974 C2976 C2981 △ C2992 △ C2993	QEHC1AM-108MZ QETN1CM-227Z QFV71HJ-104MZ QEHB1VM-108M QETN1CM-227Z QETN1AM-227Z QCZ9041-471A QCZ9041-332A	E CAP. E CAP. TF CAP. E CAP. E CAP. C CAP. C CAP.	$\begin{array}{ccccc} 1000~\mu~F & 10V & M \\ 220~\mu~F & 16V & M \\ 0.1~\mu~F & 50V & J \\ 1000~\mu~F & 35V & M \\ 220~\mu~F & 16V & M \\ 220~\mu~F & 10V & M \\ 470~p~FAC400V & K \\ 3300~p~FAC400V & M \end{array}$	* * * * * * *
T R A N S F T2501 T2521 △ T2901	ORMER CE42034-002 CE42549-001J1 CETS087-001J4	H.DRIVE TRANSF. BRIGE COIL SW TRANSF.		*
C O I L L2461 L2521 L2522 L2551 L2901 L2931 L2951 L2952-53	CE42567-002J1 CELL011-002J1 CE42693-001J1 CELC901-086J6 CELC057-2R7Z CELC055-100 CELC901-046J6 CELC057-3R3Z	INJECTION COIL LINEARITY COIL CHOKE COIL HEATER CHOKE CHOKE COIL CHOKE COIL HEATER CHOKE CHOKE COIL		* * * * * * * * * * * * * * * * * * * *
D I O D E D2402 D2404 D2405 D2406 D2407 D2461 D2462 D2465-66	1N4003-T2 MTZJ9.1(C)-T2 1SS133-T2 MTZJ22(C)-T2 1SS133-T2 MTZJ3.9(B)-T2 MTZJ12(C)-T2 MTZJ22(C)-T2	SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE		* * * * * *
D2521 D2522 D2523 D2524 D2551-52 D2553-55 D2561 D2562	BY228-20 BYW95C-20 BYD33G-T3 BY228-20 BYW95B-20 BYD33G-T3 MTZJ39(B)-T2 1SS133-T2	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		* * * * *
D2575 D2576 D2582 D2583 ⚠ D2901 D2902 D2904 D2951	MTZJ7.5(B)-T2 MTZJ15(B)-T2 MA4068(N)C1-T2 BYD33D-T3 D3SBA60 BYD33M-T3 BYD33D-T3 RU4B-C1	ZENER DIODE ZENER DIODE ZENER DIODE SI.DIODE DIODE BRIDGE SI.DIODE SI.DIODE SI.DIODE		* * * * * * *
D2952 D2953 D2954-56 D2957 D2958 D2960 D2961 D2963	BYD33M-T3 BYD33G-T3 BYW95B-20 1SS146-T2 MTZJ7.5(B)-T2 MCR22-6 MTZJ15(B)-T2 MTZJ33(B)-T2	SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE THYRISTOR ZENER DIODE ZENER DIODE		* * * * * * * * *

No.51228 43

_	Ŝymbol No.	Part No.	Part Name	Description	Local
_	D I O D E D2964 D2965 D2966 D2981-86	BYW95B-20 BYD33D-T3 MTZJ7.5(C)-T2 1SS133-T2	SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		*
<u> </u>	T R A N S Q2461-65 Q2466 Q2467 Q2501 Q2521 Q2531-32 Q2533-35 Q2536	I S T O R 2PC1815(YG)-T 2SD1408(OY)-LB 2PC1815(YG)-T BSN274 BU2508AX IRF620 DTC124ES-T IRF620	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR F.E.T. POWER TRANSISTOR F.E.T. DIGI.TRANSISTOR F.E.T.	H.OUT	*
	Q2537 Q2561 Q2571 Q2572 Q2573 Q2901 Q2951 Q2952	DTC124ESA-T 2PA1015(YG)-T 2SA949(Y)C1-T DTC124ESA-T 2PC1815(YG)-T MTA4N60E 2PC1815(YG)-T 2SC2240(GB)-T	DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR F.E.T. SI.TRANSISTOR SI.TRANSISTOR		* * *
	Q2953 Q2981-82	DTC124ES-T 2PC1815(YG)-T	DIGI.TRANSISTOR SI.TRANSISTOR		*
Δ	I C IC2401 IC2461 IC2462 IC2531-32 IC2901 IC2902 IC2951 IC2952	LA7841 TA8739P XRA15218N TLP621(B) MC44604P TLP721F(D4-GR) AN7812F AN7809F	I.C.(MONO-ANA) I.C.(MONO-ANA) I.C.(MONO-ANA) I.C.(PH.COUPLER) I.C.(MONO-ANA) I.C.(PH.COUPLER) I.C.(MONO-ANA) I.C.(MONO-ANA)		*
	IC2953 IC2954	AN7705F SE135N	I.C.(MONO-ANA) I.C.(HYBRID)		*** ***
A A A	OTHERS CP2952 CP2953 FR2551 FR2552 FR2553 K2401 K2521 K2901-02	ICP-N50-Y ICP-N50-Y QRZ0054-4R7M QRH017J-1R0M QRH017J-1R0M CE41433-001Z CE41433-001Z CE42050-001Z	I.C.PROTECT I.C.PROTECT F R F R F R BEADS CORE BEADS CORE CORE	4.7 Ω 1/4W J 1 Ω 1W J 1 Ω 1W J	* * * * *
	K2951 RY2901 TH2901	CE41433-001Z CESK028-002 CEKP002-003	BEADS CORE RELAY W.P.THERMISTOR		* *

### CRT SOCKET PW BOARD ASS'Y (SJF-3002A-U2)

	Part No.	Part Name	Descript	ion		Loca1
RESIS	TOR					
R3113	QRG029J-153A	OM R	15k Ω	2W	J	*
R3114	QRG029J-183A	OM R	18k Ω	2W	J	*
R3115-16	QRG029J~153A	OM R	15k Ω	2W	Ĵ	*
R3117	ORG029J-183A	OM R	18k Ω	2W	Ĵ	*
R3118-20	QRZ0107-102Z	C R	1k Ω	1/2W	ĸ	*
R3124	QRG029J-183A	OM R	18k Ω	2W		*
R3131	QRZ0107-474Z	C R			J	*
A R3306			470k Ω	1W	K	*
∆ K3300	QRD141J-100SY	C R	10 Ω	1/4W	J	*
R3318	QRG029J-391A	OM R	390 Ω	2W	J	*
CAPAC						
C3101-02	NCT03CH-271AY	CHIP CAP.	270 p F	50V	J	*
C3103	NCB21HK-331AY	CHIP CAP.	330 p F	50V	K	*
C3104	QETN1CM-107Z	E CAP.	100 µ F	16V	M	*
C3105	QETN1CM-476Z	E CAP.	47 μ F	16V	M	*
C3106	NCF21EZ-104AY	CER.CAPM	0.1 µ F	25V	Ž	*
C3113	QCZ0121-102M	C CAP.	1000 p F		P	•
C3121	OETN1HM-106Z	E CAP.				
	-		10 μ F	50V	М	
C3123	QETM2EM-336	E CAP.	33 µ F	250V	М	*
C3301	QETN2CM-106Z	E CAP.	10 u F	160V	М	
C3302	QETN1CM-107Z	E CAP.	100 µ F	16V	M	*
C3303	QFLC1HJ-103MZ	M CAP.	•			*
C3304	OETN1HM-335Z	E CAP.	0.01 μ F	50V	J	*
	•		3.3 µ F	50V	M	
C3305	NCTO3CH-5ROAY	CHIP CAP.	5 p F	50V	J	*
C3306	NCT03CH-681AY	CHIP CAP.	680 p F	50V	J	*
C3308	NCT03CH-221AY	CHIP CAP.	220 p F	50V	J	*
C3310	QETN2CM-106Z	E CAP.	10 µ F	160V	М	
C3311	QETN1CM-107Z	E CAP.	100 µ F	16V	М	*
C3312	QETN1AM-107Z	E CAP.	100 μ F	10V	М	*
C3313	QETN1CM-337Z	E CAP.	330 µ F	16V	М	*
COIL						
L3101-03	CELP026-181Z	PEAKING COIL	180 μ Η	-		*
DIODE						
D3121	DAN202K~X	DIODE ARRAY				
D3123	MA3068(M)-X	ZENER DIODE				*
D3125-26	DAN202K-X	DIODE ARRAY				
D3301-02	RH1S-T3	SI.DIODE				*
TRANSI	STOR				,	
03101-03	2PC1815(YG)-T	SI.TRANSISTOR				*
Q3104-06	2SC4544-C1	SI.TRANSISTOR				
Q3154-00 Q3153						*
	2PC1815(YG)-T	SI.TRANSISTOR				•
Q3154	2PA1015(YG)-T	SI.TRANSISTOR				**
Q3301-02	2PC1815(YG)-T	SI.TRANSISTOR				*
Q3303	2PA1015(YG)-T	SI.TRANSISTOR				*
Q3304	2SA1837	SI.TRANSISTOR				
Q3305	2SC4793	SI.TRANSISTOR				
OTHERS	3		- ~			
⚠ FR3319	QRH017J-561M	F R	560 Ω	1W	J	*
K3301-04	CE41492-001Z	CHOKE COIL		2	-	
△ SK3001	CE42535-001J1	C.R.T.SOCKET				*
		3.11.1.30CKL1				

# FRONT CONTROL PW BOARD ASS'Y ( SJF-8002A-U2 )

Local		on	Descripti	Part Name	Part No.	⚠ Symbol No.
*	ĸ	1/2W	470 KV	C R	T O R QRZ0111-474	RESIS ∴ R8905
*	K M Z M K Z	50V 50V 25V 16V 50V 25V	2200 p F 10 µ F 0.1 µ F 100 µ F 4700 p F 0.1 µ F 0.47 µ FA	CHIP CAP. E CAP. CER.CAPM E CAP. CHIP CAP. C CAP. MF CAP.	I T O R NCB21HK-222AY QETN1HM-106Z NCF21EZ-104AY QETN1CM-107Z NCB21HK-472AY QCZ0120-104MZ QFZ9040-474N	C A P A C C8001-02 C8003 C8004 C8005 C8010-11 C8012
* * *			5.6 μ H 27 μ H	LEAD CORE PEAKING COIL PEAKING COIL LEAD CORE	CE41832-001 CELP017-5R6Y CELP017-270Y CE41832-001	C O I L L8001 L8002-03 L8010-11 L8012
*				C.D.S. DIODE ARRAY L.E.D.(GRN) L.E.D. L.E.D.(ORG) ZENER DIODE L.E.D.(YLW) SI.DIODE	P1201 DAN202K-X SLR-342MG-T16 SPR-39MVWF SLR-342DU-T16 MA3068(M)-X SLR-342YY-T16 MA152WK-X	D I O D E D8007 D8008 D8009 D8010 D8012 D8013 D8014 D8015
*				SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	ISTOR 2PC1815(YG)-T DTA144TSA-T 2PA1015(YG)-T	T R A N S Q8001 Q8002-03 Q8005-07
				IFR DETECT UNIT	GP1U281Q	I C IC8001
* * * * * * *			3.15 A INSTALL V(DOWN) V(UP) MAIN POWER	L.E.D.HOLDER CDS HOLDER FFC CONNECTOR FUSE HEADPHONE JACK PIN JACK LINE FILTER PUSH SWITCH PUSH SWITCH PUSH SWITCH PUSH SWITCH	CM36548-001-E CM36548-001-E CM35921-A04-H CHC108N-25T-AE QMF51D2-3R15J1 QMS3004-C01 CEMN087-001 CELF012-001J7 QSP1A11-C18Z QSP1A11-C18Z QSP1A11-C18Z QSP4K21-C01	OTHER  CN8001  F8901  J8001  J8002  LF8901  S8001  S8002  S8003  S8901

# DOLBY PW BOARD ASS'Y ( SJF0D001A-U2 )

Local		on	Description	Part Name	Part No.	Ĺ Symbol No.
* * * *	M J M K	16V 50V 16V 50V 50V	47 μ F 68 p F 47 μ F 0.047 μ F 0.022 μ F	E CAP. CHIP CAP. E CAP. CHIP CAP. CHIP CAP.	I T O R QETN1CM-476Z NCT03CH-680AY QETN1CM-476Z NCB21HK-473AY NCB21HK-223AY	C A P A C I C0101 C0102 C0103 C0104 C0105

△ Symbol No.	Part No.	Part Name	Descripti	on		Local
САРАС	ITOR					
C0106	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0107	QETN1CM-476Z	E CAP.	47 μ F	16V	M	*
C0108	NCB21HK-473AY	CHIP CAP.	0.047 µ F	50V	K	*
C0109	· OETN1CM-476Z	E CAP.	47 μ F	16V	M	*
	•					*
C0110	NCT03CH-680AY	CHIP CAP.	68 p F	50V	J	*
C0111	NCB21HK-473AY	CHIP CAP.	0.047μF	50V	K	
C0112-13	QETN1CM-476Z	E CAP.	47 µ F	16V	М	*
C0115	NCB21HK-473AY	CHIP CAP.	0.047 μ F	50V	K	*
C0116-25	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0126	QETN1CM-476Z	E CAP.	47 µ F	16V	M	*
C0127	NCT03CH-220AY	CHIP CAP.	22 p F	50V	J	*
C0128	NCT03CH-680AY	CHIP CAP.	68 p F	50V	Ĵ	*
C0129	QETN1HM-106Z	E CAP.	10 μ F	50V	M	*
	-					*
C0130	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	
C0131	NCF21CZ-105AY	CER.CAPM	1 μ F	16V	Z	*
C0132	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0133	NCF21CZ-105AY	CER.CAPM	1μF	16V	Z	*
C0134	OETN1HM-106Z	E CAP.	10 μ F	50V	М	*
C0136	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0136	NCF21CZ-105AY	CER.CAPM	1 μ F	16V	ž	*
						*
C0137-38	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
C0139	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0140	NCF21CZ-105AY	CER.CAPM	1μF	16V	Z	*
C0141	NCB21HK-102AY	CHIP CAP.	1000 p F	50V	K	*
C0142	QETN1HM-106Z	E CAP.	10 µ F	50V	М	*
C0143	QETN1CM-476Z	E CAP.	47 µ F	16V	М	*
C0144-45	OETN1HM-106Z	E CAP.	10 μ F	50V	M	*
	-					*
C0146	NCF21EZ-104AY	CER.CAPM	0.1μF	25V	Z	
C0147	QETN1CM-107Z	E CAP.	100 µ F	16V	М	*
C0148	NCF21EZ-104AY	CER.CAPM	0.1μϜ	25V	Z	*
C0201	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
C0202	NCB21HK-223AY	CHIP CAP.	0.022 μ F	50V	K	*
C0203	NCB21HK-182AY	CHIP CAP.	1800 p F	50V	K	*
C0204	NCF21CZ-105AY	CER.CAPM	1 μ F	16V	Ž	*
		CHIP CAP.				*
C0205	NCB21HK-103AY		0.01 μ F	50V	K	
C0206	NCB21HK-223AY	CHIP CAP.	0.022 μ F	50V	K	*
C0207	NCB21HK-182AY	CHIP CAP.	1800 թ F	50V	K	*
C0208	NCF21CZ-105AY	CER.CAPM	1μF	16V	Z	*
C0209	QETN1CM-107Z	E CAP.	100 µ F	16V	М	*
C0210	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
C0211	NCB21HK-182AY	CHIP CAP.	1900 - 5	501/	v	*
			1800 p F	50V	K	
C0212	NCF21CZ-105AY	CER.CAPM	1 μ F	16V	Z	*
C0213	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
C0214	NCB21HK-223AY	CHIP CAP.	0.022 μ F	50V	K	*
C0215	NCB21HK-182AY	CHIP CAP.	1800 p F	50V	K	*
C0216	NCF21CZ-105AY	CER.CAPM	1μF	16V	ž	*
C0217	NCB21HK-223AY	CHIP CAP.	0.022 µ F	50V	ĸ	*
C0217	NCTO3CH-470AY	CHIP CAP.	47 p F	50V	Ĵ	*
				<del>-</del>		
C O I L L0101-03	CE40344-4R7YL	INDUCTOR				*
DIODE						
D0101	MA3062-X	ZENER DIODE				
D0201	MA3062(M)-X	ZENER DIODE				
I C						
IC0101	SAA7367T-Y	I.C.(DIGI-MOS)				
	SAA7367T-X					
IC0102	TMS57052BFT	I.C.(M)				
IC0103	LC32464M-80X	I.C.(D-RAM)				
IC0104-05	PCM1717E-X	I.C.(MONO-ANA)				
IC0111	BA4558F-X	I.C.(MONO-ANA)				
IC0201-02	UPC324G2-X	I.C.(MONO-ANA)				
100201 02	J. COL IGE A	1.0.(				

$\triangle$ Symbol No.	Part No.	Part Name	Description	Local
OTHERS	3			
CN0002 EF0101-05 K0101-02 K0104-07 X0101	CHB302W-20P-AE CE42482-103Y CE42681-001Y CE42681-001Y NAX0001-001X	20P DINM PLUG EMI FILTER BEADS CORE BEADS CORE CRYSTAL	* .	*

# IF PW BOARD ASS'Y ( SJF0F001A-U2 )

<u> </u>	Symbol No.	Part No.	Part Name	Descripti	on		Local
	CAPAC	TOR					
	C0030	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
(	C0040	NCT03CH-102AY	CHIP CAP.	1000 p F	50V	J	
(	C0041	QETN1CM-476Z	E CAP,			_	*
(	C0042	NCB21HK-103AY	CHIP CAP.	47 μ F	16V	М	
	C0043	OETN1CM-476Z	E CAP.	0.01 μ F	50V	K	*
	C0044-45	NCB21HK-103AY	CHIP CAP,	47 μ F	16V	М	*
	C0047	QETN1CM-227Z	E CAP.	0.01 μ F	50V	K	*
	00050	QETN1HM-105Z	E CAP.	220 µ F	16V	М	*
,		δr ιμτιμι-102Σ	c CAP.	1 μ Ϝ	50V	М	*
	0054	NCB21HK-103AY	CHIP CAP.	0.01 µ F	50V	K	*
	00055	QETN1CM-476Z	E CAP.	47 u F	16V	М	*
	00056	QETN1HM-474Z	E CAP.	0.47 u F	50V	M	*
C	00057	NCT03CH-102AY	CHIP CAP.	1000 p F	50V	Ĵ	*
C	0058	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*
C	0062	QETN1HM-474Z	E CAP.	0.47 μ F	50V	M	*
C	0064	NCB21HK-472AY	CHIP CAP.	4700 p F	50V		*
C	0065	QETN1HM-105Z	E CAP.	4700 p F 1 μ F	50V	K M	*
			•	т р т	304	111	•
С	0069-70	NCB21HK-103AY	CHIP CAP.	0.01 μ F	50V	K	*
С	0071	QETN1HM-336Z	E CAP.	33 µ F	50V	M	
C	0080-81	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	ĸ	*
С	0101	OETN1CM-476Z	E CAP.	47 μ F	16V	M	*
С	0104	NCT03CH-221AY	CHIP CAP.	220 p F	50V	J	*
	0140	OETN1HM-335Z	E CAP.	3.3 u F	50V		*
С	0141	NCB21HK-332AY	CHIP CAP.	3300 p F	50V	М	*
С	0142	QETN1HM-105Z	E CAP.			K	
		-	2 0711 .	1 µ F	50V	М	•
	0143	QFLC1HJ-683MZ	M CAP.	0.068 μ F	50V	J	*
	0144	QETN1HM-335Z	E CAP.	3.3 µ F	50V	M	*
C	0145	NCB21HK-222AY	CHIP CAP,	2200 p F	50V	ĸ	*
7	ransf	ORMER					
	0050	CELT001-307	CW TRANSF.				*
	7011		<del></del>	· · · · · · · · · · · · · · · · · · ·			
	COIL	0544404 0000					
	0030	CE41131-2R2Y	CHIP INDUCTOR				*
	0040	CE41131-4R7Y	INDUCTOR				*
	0070	CE41131-5R6Y	INDUCTOR				*
	0103	CE41131-100Y	INDUCTOR				*
	0104	CE41131-5R6Y	INDUCTOR				*
Т	RANSI	STOR				· · · · · · · · · · · · · · · · · · ·	·
	0080	2SC2712(YG)-X	SI.TRANSISTOR				
	0101	2SC2712(YG)-X	SI.TRANSISTOR				*
_	0107	2SA1162(YG)-X					*
	0109-10	2SC2712(YG)-X	SI.TRANSISTOR SI.TRANSISTOR				*
		2002/12(10) //	JI. INANSISIUK				*

⚠ Symbol No.	Part No.	Part Name	Description	Loca1
I C IC0010	TA8865BN	I.C.(MONO-ANA)		a constant
OTHERS	S			
CF0100	TPS5.5MW	CERAMIC FILTER		*
CF0140	CSB503F30-T2	CER.RESONATOR		*
CN0003	CHB302W-20P-AE	20P DINM PLUG		*
SF0010	QAX0316-001	SAW FILTER		*
SF0012	CE42606-701	SAW FILTER		

## AV TERMINAL PW BOARD ASS'Y ( SJF0J001A-U2 )

Part No.	Part Name	Descripti	on		Local
TOR					
QETN1HM-106Z	E CAP.	10 μ F	50V	М	*
QETN1HM-105Z	E CAP.	1μF	50V	М	*
NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	
QETN1HM-105Z	E CAP.	1μF	50V	M	*
NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*
QFLC1HJ-103MZ	M CAP.	0.01 μ F	50V	J	*
QETN1HM-105Z	E CAP.	1μF	50V	М	*
NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*
NCB21HK-222AY	CHIP CAP.	2200 p F	50V	K	*
CELP017-5R6Y	PEAKING COIL	5.6 u H			*
CE41832-001	LEAD CORE				*
CELP017-5R6Y	PEAKING COIL	5.6 μ Η			*
CE41832-001	LEAD CORE	•			*
CE40344-100YL	INDUCTOR	100 u H			*
CE41832-001	LEAD CORE	•			*
CHA401R-15R-J	HOF CONNECTOR				*
CHA401N-25R-J	•				*
CE40529-006					
CEMN090-003					
CEMN045-005	PIN JACK				*
	T O R QETN1HM-106Z QETN1HM-105Z NCB21HK-472AY QETN1HM-105Z NCB21HK-472AY QETN1HM-105Z NCB21HK-472AY QFLC1HJ-103MZ QETN1HM-105Z NCB21HK-472AY NCB21HK-222AY  CELP017-5R6Y CE41832-001 CELP017-5R6Y CE41832-001 CE40344-100YL CE41832-001 CHA401R-15R-J CHA401N-25R-J CE40529-006 CEMN090-003	T O R  QETN1HM-106Z E CAP. QETN1HM-105Z E CAP. NCB21HK-472AY CHIP CAP.  CELP017-5R6Y CHIP CAP.  CELP017-5R6Y PEAKING COIL CE41832-001 LEAD CORE CE41832-001 LEAD CORE CE40344-100YL INDUCTOR CE41832-001 LEAD CORE  CHA401R-15R-J HQF CONNECTOR CHA401N-25R-J HQF CONNECTOR CE40529-006 CEMN090-003 PIN JACK	T O R  QETN1HM-106Z E CAP. 10 μ F  QETN1HM-105Z E CAP. 1 μ F  NCB21HK-472AY CHIP CAP. 4700 p F  QETN1HM-105Z E CAP. 1 μ F  NCB21HK-472AY CHIP CAP. 4700 p F  QETN1HM-105Z E CAP. 1 μ F  NCB21HK-472AY CHIP CAP. 4700 p F  QFLC1HJ-103MZ M CAP. 0.01 μ F  QETN1HM-105Z E CAP. 1 μ F  NCB21HK-472AY CHIP CAP. 4700 p F  NCB21HK-472AY CHIP CAP. 4700 p F  NCB21HK-222AY CHIP CAP. 2200 p F   CELP017-5R6Y PEAKING COIL 5.6 μ H  CE41832-001 LEAD CORE  CELP017-5R6Y PEAKING COIL 5.6 μ H  CE41832-001 LEAD CORE  CE40344-100YL INDUCTOR 100 μ H  CE41832-001 LEAD CORE  CHA401R-15R-J HQF CONNECTOR  CHA401N-25R-J HQF CONNECTOR  CE40529-006 SCART CONNECTOR  CE40529-006 SCART CONNECTOR  CEMN090-003 PIN JACK	TOR QETN1HM-106Z E CAP. 10 μ F 50V QETN1HM-105Z E CAP. 1 μ F 50V NCB21HK-472AY CHIP CAP. 4700 p F 50V QETN1HM-105Z E CAP. 1 μ F 50V NCB21HK-472AY CHIP CAP. 4700 p F 50V QETN1HM-105Z E CAP. 1 μ F 50V NCB21HK-472AY CHIP CAP. 4700 p F 50V QETN1HM-105Z E CAP. 1 μ F 50V QETN1HM-105Z E CAP. 1 μ F 50V NCB21HK-472AY CHIP CAP. 4700 p F 50V NCB21HK-472AY CHIP CAP. 4700 p F 50V NCB21HK-222AY CHIP CAP. 2200 p F 50V  CELP017-5R6Y PEAKING COIL 5.6 μ H CE41832-001 LEAD CORE CELP017-5R6Y PEAKING COIL 5.6 μ H CE41832-001 LEAD CORE CE40344-100YL INDUCTOR 100 μ H CE41832-001 LEAD CORE CHA401R-15R-J HQF CONNECTOR CHA401N-25R-J HQF CONNECTOR CE40529-006 SCART CONNECTOR CE40529-006 SCART CONNECTOR CEMN090-003 PIN JACK	TOR QETN1HM-106Z E CAP. 10 μ F 50V M QETN1HM-105Z E CAP. 1 μ F 50V M NCB21HK-472AY CHIP CAP. 4700 p F 50V K QETN1HM-105Z E CAP. 1 μ F 50V M NCB21HK-472AY CHIP CAP. 4700 p F 50V K QETN1HM-105Z E CAP. 1 μ F 50V M NCB21HK-472AY CHIP CAP. 4700 p F 50V K QFLC1HJ-103MZ M CAP. 0.01 μ F 50V J QETN1HM-105Z E CAP. 1 μ F 50V M NCB21HK-472AY CHIP CAP. 4700 p F 50V K NCB21HK-472AY CHIP CAP. 4700 p F 50V K NCB21HK-222AY CHIP CAP. 2200 p F 50V K  CELP017-5R6Y PEAKING COIL 5.6 μ H CE41832-001 LEAD CORE CELP017-5R6Y PEAKING COIL 5.6 μ H CE41832-001 LEAD CORE CE40344-100YL INDUCTOR 100 μ H CE41832-001 LEAD CORE  CHA401R-15R-J HQF CONNECTOR CHA401N-25R-J HQF CONNECTOR CE40529-006 SCART CONNECTOR CE40529-006 SCART CONNECTOR CEMN090-003 PIN JACK

No.51228 49

# PRINTED WIRING BOARD PARTS LIST

# AV-28WR2EK

## MAIN PW BOARD ASS'Y ( SJF-1902A-U2 )

⚠ Symbol No.	. Part No.	Part Name	Description	Local
RESIS R1001 R1202 R1204 R1232 ⚠ R1252 R1687-88 R1701 R1702	T O R QRD12CJ-474SX QRD14CJ-271SX QRG019J-101S QRG019J-101S QRZ0054-470M QRD12CJ-4R7SX QRB049J-472 QRB069J-103	C R C R OM R OM R F R C R NETW.R NETW.R	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	J * J * J * J * J *
R1791-92 R1796 R1901 R1902 R1962	QRB049J-103 QRB079J-103 QRG029J-470A QRG019J-181S QRG019J-121S	NETW.R NETW.R OM R OM R OM R	10k Ω 10k Ω 47 Ω 2W 180 Ω 1W 120 Ω 1W	J * J * J *
C A P A C C1001 C1003 C1004 C1005 C1006 C1007-08 C1101 C1102	I T O R     QETN1HM-226Z     QETN1CM-108Z     QETN1HM-106Z     QCZ0120-104MZ     QETN1CM-107Z     QCZ0120-104MZ     QETN1CM-107Z     QCZ0120-104MZ     QETN1CM-107Z     QCZ0120-104MZ	E CAP. E CAP. C CAP. E CAP. C CAP. E CAP. C CAP. C CAP. E CAP.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	M * M * Z * M * Z * M * Z * M * Z *
C1103 C1104 C1105 C1109 C1110 C1111 C1113-15 C1116	QFLC1HJ-104MZ QFLC1HJ-823MZ QETN1HM-474Z QETN1CM-477Z QCT25CH-120Z QETN1HM-106Z QFLC1HJ-104MZ QETN1HM-225Z	M CAP. M CAP. E CAP. C CAP. C CAP. E CAP. E CAP. M CAP. E CAP.	$\begin{array}{cccc} 0.1\muF & 50V \\ 0.082\muF & 50V \\ 0.47\muF & 50V \\ 470\muF & 16V \\ 12pF & 50V \\ 10\muF & 50V \\ 0.1\muF & 50V \\ 2.2\muF & 50V \\ \end{array}$	J * J * M * M * J * M * M *
C1117 C1118-20 C1121 C1122 C1124-25 C1126 C1161 C1164	QFLC1HJ-103MZ QETN1HM-105Z QETN1HM-475Z QETN1CM-107Z QETN1HM-106Z QETN1CM-476Z QETN1CM-476Z QCT25CH-820Z	M CAP. E CAP. E CAP. E CAP. E CAP. E CAP. C CAP.	10 μ F 50V 47 μ F 16V 47 μ F 16V	J * M * M * M * M * M * M *
C1165-66 C1167 C1201 C1202 C1203 C1204-05 C1206-07 C1208	QCT25CH-470Z QCT25CH-180Z QETN1CM-227Z QETN1CM-107Z QEN61HM-106Z QETN1HM-105Z QETN1HM-106Z QETN1HM-106Z QETN1CM-477Z	C CAP. C CAP. E CAP. E CAP. BP E CAP. E CAP. E CAP. E CAP. E CAP.	18 p F 50V 220 µ F 16V 100 µ F 16V 10 µ F 50V 1 µ F 50V 10 µ F 50V	J * J * M * M * M * M * M *
C1209 C1211-12 C1215-16 C1217-18 C1221 C1221 C1222 C1223 C1224	QETN1CM-476Z QETN1CM-107Z QETN1HM-105Z QETN1HM-106Z QETN1CM-107Z QCZ0120-104MZ QETN1CM-477Z QEN61CM-106Z	E CAP. E CAP. E CAP. E CAP. C CAP. C CAP. B CAP. B CAP.	47 μ F 16V 1 100 μ F 16V 1 1 μ F 50V 1 10 μ F 50V 1 100 μ F 16V 1 0.1 μ F 25V 2 470 μ F 16V 1	M * M * M * M * M * M * M * M * M * M *
C1226 C1230-31 C1401 C1451 C1452	QCZ0120-104MZ QETN1HM-106Z QETN1HM-105Z QETN1HM-106Z QCT25CH-820Z	C CAP. E CAP. E CAP. E CAP. C CAP.	0.1 μ F 25V 7 10 μ F 50V M	Z * 4 * 4 *

A	Symbol No.	Part No.	Part Name	Descripti	on		Local
	CABACI	TOD					
	CAPACI C1453	QCT25CH-180Z	C CAP.	18 p F	50V	J	*
	C1454	QCT25CH-221Z	C CAP.	220 p F	50V	j	*
	C1455	QCT25CH-390Z	C CAP.	39 p F	50V	j	*
	C1456	OAT3110-300A	TRIM.CAP.	30 p F	100V	•	
	C1457	QCT25CH-5R0Z	C CAP.	5 p F	50V	J	*
	C1501	QETN1CM-107Z	E CAP.	100 µ F	16V	M	*
	C1507	OETN1HM-105Z	E CAP.	1 μ F	50V	М	*
	C1601-02	QCT25CH-2R0Z	C CAP.	2 p F	50V	Ĵ	*
	C1605-06	QETN1HM-106Z	E CAP.	10 µ F	50V	М	*
	C1607-08	QCZ0120-104MZ	C CAP.	0.1μF	25V	Z	*
	C1609-10	QEN61HM-105Z	BP E CAP.	1 μ F	50V	М	*
	C1613	QCZ0120-104MZ	C CAP.	0.1μF	25V	Z	*
	C1614-15	QETN1HM-106Z	E CAP.	10 μ F	50V	М	*
	C1616	QCZ0120-104MZ	C CAP.	0.1μϜ	25V	Z	*
	C1617-18	QETN1HM-106Z	E CAP.	10 µ F	50V	М	*
	C1635-36	QETN1HM-105Z	E CAP.	1μF	50V	M	*
	C1637	QETN1CM-107Z	E_CAP.	100 μ F	16V	М	*
	C1638-39	QEN61HM-105Z	BP E CAP.	1 μ F	50V	M	*
	C1641	QETN1CM-476Z	E CAP.	47 μ F	16V	М	*
	C1643-44	QETN1HM-106Z	E CAP.	1 μ F	50V	M	*
	C1645	QETN1HM-226Z	E CAP.	22 µ F	50V	М	
	C1646	QETN1AM-477Z	E CAP.	470 μ F	10V	M	
	C1649-50 C1851-54	QETN1HM-225Z QCZ0120-104MZ	E CAP. C CAP.	2.2 µ F 0.1 µ F	50V 25V	M Z	*
		OFTN1CM 4767	F CAD	47 F	161/	M	
	C1655	QETN1CM-476Z	E CAP.	47 μ F	16V	М	
	C1656	QETN1HM-226Z	E CAP.	22 μ F	50V	M	:
	C1657	QETN1AM-477Z	E CAP.	470 μ F	10V	М	
	C1660-61	QETN1HM-225Z	E CAP.	2.2 µ F	50V	M	:
	C1662-65	QCZ0120-104MZ	C CAP.	0.1μF	25V	Z	
	C1666	QETN1HM-105Z	E CAP. E CAP.	1μF	50V	M M	
	C1668 C1669	QETN1HM-106Z QETN1HM-106Z	E CAP.	10 μ F 1 μ F	50V 50V	M M	•
	C1671	QETN1HM-106Z	E CAP.	10 µ F	50V	М	
	C1672	QETN1HM-100Z	E CAP.	10 μ F	50V	M	
	C1674-75	QETN1HM-106Z	E CAP.	10 u F	50V	M	
	C1676	QETN1HM-105Z	E CAP.	10 μ F	50V	M	
	C1678	QETN1HM-106Z	E CAP.	10 μ F	50V	M	
	C1679	QETN1HM-105Z	E CAP.	10 μ F	50V	M	•
	C1680	OFLC1HJ-393MZ	M CAP.	0.039 µ F	50V	Ĵ	
	C1683	QETN1CM-107Z	E CAP.	100 μ F	16V	M	+
	C1684	QFLC1HJ-393MZ	M CAP.	0.039 μ F	50V	J	•
	C1685	QETN1HM-105Z	E CAP.	1 µ F	50V	M	
	C1688	QETN1CM-107Z	E CAP.	100 µ F	16V	М	
	C1689-90	OETN1HM-105Z	E CAP.	1 µ F	50V	М	•
	C1691-94	QFV71HJ-224MZ	TF CAP.	0.22 u F	50V	J	
	C1695	QETN1HM-106Z	E CAP.	10 µ F	50V	М	
	C1696-97	QCZ0120-104MZ	C CAP.	0.1 u F	25V	Z	
	C1698-99	QETN1CM-107Z	E CAP.	100 µ F	16V	M	•
	C1702	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z	
	C1703	QETN1HM-106Z	E CAP.	10 µ F	50V	М	1
	C1704	QETN1AM-227Z	E CAP.	220 µ F	10V	М	1
	C1705	QCZ0120-104MZ	C CAP.	0.1 μ̂ F	25V	Z	
	C1706	QFLC1HJ-683MZ	M CAP.	0.068 µ F	50V	J	1
	C1707	QETN1HM-105Z	E CAP.	1μF	50V	М	4
	C1709	QCT25CH-180Z	C CAP.	18 p F	50V	J	1
	C1711	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z	1
	C1712	QETN1AM-107Z	E CAP.	100 μ F	10V	М	1
	C1715	QFLC1HJ-333MZ	M CAP.	0.033 μ F	50V	J	4
	C1716	QFLC1HJ~104MZ	M CAP.	0.1μF	50V	J	4
	C1718	QCT25CH-180Z	C CAP.	18 p F	50V	J	4
	C1719	QCZ0120-104MZ	C CAP.	0.1 μ F	25V	Z	4
	C1723	OEN61HM-105Z	BP E CAP.	1 μ F	50V	М	3
	C1761	QETN1HM-105Z	E CAP.	1μF	50V	M	4

⚠ Symbol No	. Part No.	Part Name	Description	Local
C A P A C C1764 C1765 C1781 C1782 C1807 C1809 C1811 C1812	QETN1CM-476Z QCZ0120-104MZ QCZ0120-104MZ QCZ0120-104MZ QETN1HM-106Z QETN1CM-476Z QETN1HM-106Z QETN1HM-106Z QETN1HM-106Z QETN1CM-107Z	E CAP. C CAP. C CAP. E CAP. E CAP. E CAP. E CAP. E CAP. E CAP.	47 μ F 16V 0.1 μ F 25V 0.1 μ F 25V 10 μ F 50V 47 μ F 16V 10 μ F 50V 10 μ F 50V 10 μ F 50V	M * Z * Z * M * * M * M * M * M * M * M
C1813 C1816 C1818 C1820-21 C1822 C1826 C1827 C1828	QETN1HM-106Z QETN1HM-226Z QFLC1HJ-223MZ QCT25CH-150Z QFV71HJ-104MZ QCZ0120-104MZ QETN0JM-477Z QCZ0120-104MZ	E CAP. E CAP. M CAP. C CAP. TF CAP. C CAP. C CAP.	$\begin{array}{cccc} 10~\mu~F & 50V \\ 22~\mu~F & 50V \\ 0.022~\mu~F & 50V \\ 15~p~F & 50V \\ 0.1~\mu~F & 50V \\ 0.1~\mu~F & 25V \\ 470~\mu~F & 6.3V \\ 0.1~\mu~F & 25V \\ \end{array}$	M * M * J * J * J * Z * M * Z * *
C1829 C1861-65 C1866 C1901 C1902 C1903 C1904-05 C1906	QFLC1HJ-104MZ QETN1HM-105Z QETN1CM-476Z QETN1CM-107Z QCZ0120-104MZ QETN1CM-107Z QETN1CM-107Z QETN1CM-107Z	M CAP. E CAP. E CAP. C CAP. C CAP. E CAP. E CAP. E CAP.	$\begin{array}{cccc} 0.1 \ \mu \ F & 50V \\ 1 \ \mu \ F & 50V \\ 47 \ \mu \ F & 16V \\ 100 \ \mu \ F & 16V \\ 0.1 \ \mu \ F & 25V \\ 100 \ \mu \ F & 16V \\ 2200 \ \mu \ F & 25V \\ 100 \ \mu \ F & 16V \\ \end{array}$	J * M * M * M * * M * * M * M * M * M *
C O I L L1001 L1002-04 L1005 L1101-02 L1104 L1161 L1162 L1601-02	QFV71HJ-104MZ  CELP026-270Z CELP026-8R2Z CELP026-5R6Z CELP026-4R7Z CELP026-4R7Z CELP027-180Z CELP027-220Z CELC005-2R5J7	PEAKING COIL CHOKE COIL	0.1 μ F 50V 27 μ H 8.2 μ H 5.6 μ H 4.7 μ H 4.7 μ H 18 μ H 22 μ H	* * * * * * * *
L1603 L1701-02 L1801 L1802	CELP026-100Z CELP026-4R7Z CELP026-3R3Z CELP026-4R7Z	PEAKING COIL PEAKING COIL PEAKING COIL PEAKING COIL	10 μ Η 4.7 μ Η 3.3 μ Η 4.7 μ Η	* * *
D I O D E D1101 D1201 D1202-03 D1204 D1453 D1501-02 D1602-03 D1604	1SS133-T2 MTZJ4.7(A)-T2 1SS133-T2 MTZJ10(A)-T2 1SS133-T2 1SS133-T2 MTZJ15(A)-T2 MTZJ16.2(B)-T2	SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE ZENER DIODE		* * * *
D1605-06 D1607 D1608 D1609 D1610 D1611-14 D1615-17 D1618-21	MTZJ15(A)-T2 1SS133-T2 MTZJ6.2(B)-T2 1SS133-T2 MTZJ6.2(B)-T2 1SS133-T2 MTZJ5.6(B)-T2 BYW95B-20	ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		* * * * * * *
D1701-02 D1703 D1711 D1714 D1762 D1764-65 D1801-02	MA700-T2 MTZJ3.6(A)-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2 1SS133-T2	SI.DIODE ZENER DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE		**

⚠ Symbol N	o. Part No.	Part Name	Description	Local
D I O D D1862-63 D1901 D1964		ZENER DIODE ZENER DIODE ZENER DIODE		*
T R A N Q1101 Q1102 Q1163 Q1201-02 Q1203 Q1204-05 Q1206 Q1207	S I S T O R  2PA1015(YG)-T  2PC1815(YG)-T  2PC1815(YG)-T  2PC1815(YG)-T  2PA1015(YG)-T  DTC323TS-T  2PC1815(YG)-T  2PA1015(YG)-T	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR		**
Q1208-09 Q1210-11 Q1212 Q1451 Q1452 Q1501 Q1502 Q1603	2PC1815(YG)-T DTC323TS-T 2PC1815(YG)-T DTC124ES-T 2PC1815(YG)-T 2PC1815(YG)-T 2PA1015(YG)-T DTC144ES-T	SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR		** ** **
Q1604-05 Q1606-08 Q1609-10 Q1611 Q1612-13 Q1701-02 Q1703 Q1761	DTC323TS-T 2PA1015(YG)-T DTC323TS-T DTC144ES-T 2PC1815(YG)-T 2PC1815(YG)-T DTC144ESA-T DTC144ESA-T	DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR		* * * * * * * * *
Q1762 Q1763 Q1764 Q1765 Q1766 Q1771 Q1801 Q1802	2PA1015(YG)-T DTC144ES-T DTC323TS-T 2PA1015(YG)-T DTC323TS-T 2PA1015(YG)-T 2PA1015(YG)-T DTC124ES-T	SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR DIGI.TRANSISTOR		* * * * *
Q1806-07 Q1861	2PC1815(YG)-T DTC144ES-T	SI.TRANSISTOR DIGI.TRANSISTOR		*
I C IC1101 IC1201 IC1451 IC1601 IC1602 IC1604-05 IC1606 IC1607-16	TC4052BP	I.C(DIGI-OTHER) I.C(MONO-ANA) I.C(DIGI-MOS) I.C(DIGI-OTHER) I.C(MONO-ANA) I.C.(DIGI-OTHER I.C.(DIGI-MOS) I.C.(MONO-ANA)	)	*
IC1611 IC1701 IC1702 IC1703 IC1704 IC1705 IC1781 IC1801	TDA7265 M37271MF-213SP L78LR05E-MA AT24C1628WR2EK JLC1562BN AT24C16-10PC JLC1562BN TC4053BP	I C I.C.(MICRO-COMP) I.C(MONO-ANA) I.C. I.C.(DIGI-MOS) I.C(EP-ROM) I.C(DIGI-MOS) I.C(DIGI-MOS)	(SERVICE)	*
IC1802 IC1803 IC1861 IC1901	CF70206 CF72417 TC4052BP AN78L05-Y	I.C(DIGI-MOS) I.C(DIGI-MOS) I.C.(DIGI-MOS) I.C.(MONO-ANA)		* * *
OTHEI CN1001	R S CHC108N-25T-AE	FFC CONNECTOR		*

No.51228 53

riangle Symbol No.	Part No.	Part Name	Description	Local
OTHER	S			
CN1002-03	CHB302W-20R-AE	20P DINM RECEPTA		*
CN1007	CH42151-012RT	JL RECEPTACLE		
CN1008	CHA401N-15P-J	HOF CONNECTOR		*
CN1009	CHA401B-25P-J	HOF PLUG		*
EF1601-02	CE42142-103Z	EMI FILTER		
K1001-03	CE41433-001Z	BEADS CORE		*
TH1451-52	ERT-D2ZHL503S	N.THERMISTOR		
TU1001	CEEK380-B01	TUNER		*
X1101	OAX0305-001Z	CRYSTAL		*
X1601	CE42546-001	CRYSTAL		*
X1701	CST8.00MTW	CER.RESONATOR		*
X1801	CE41257-001Z	CRYSTAL		*
		AUTO ASPECT MODUL	E PWB (As follows)	

# AUTO ASPECT MODULE PW BOARD ASS'Y ( SJF0W001A(U) )

This PW Board Ass'y is included in the above MAIN PW Board Ass'y.

⚠ Symbol No.	Part No.	Part Name	Description	Local
MD001	SJF0W001A(U)	AUTO ASPECT MODULE	PWB	

## POWER DEF PW BOARD ASS'Y (SJF-2002A-U2)

Local		o. Part No. Part Name Description		Symbol No.								
					O R	RESISTOR						
	F	1/4W	3.92kΩ	MF R	QRV141F-3921AY	R2407						
*	j	1W	2.2 Ω	MF R	QRX019J-2R2S	R2414						
*	Ĵ	1W	220 Ω	OM R	QRG019J-221S	R2417						
*	Ĵ	1/4W	2.2 Ω	C R	QRD14CJ-2R2SX	R2466						
*	F	1/4W	6.2kΩ	MF R	QRV141F-6201AY	R2474						
	F	1/4W	12k Ω	MF R	QRV141F-1202AY	R2481						
*	F	1/4W	6.8kΩ	MF R	QRV141F-6801AY	R2482						
*	j	3W	18 Ω	OM R	QRG039J-180A	R2496						
*	J	2W	1.8kΩ	OM R	QRG029J-182	R2510						
*	Ĵ	2W	2.2kΩ	OM R	QRG029J-222	R2511						
*	Ĵ	2W	8.2kΩ	OM R	QRG029J-822	R2522						
*	Ĵ	10W	10 Ω	UNF R	QRF104J-100	R2524						
	F	1/4W	3.01k Ω	MF R	QRV141F-3011AY	R2585						
*	F.	1/4W	15.8kΩ	MF R	QRV141F-1582AY	R2586						
*	ĸ	10W	3.9 Ω	UNF R	QRF104K-3R9	R2901						
*	Ĵ	3W	33k Ω	OM R	QRG039J-333	R2904						
*	J	3W	47k Ω	OM R	QRG039J-473	R2905						
*	j	5W	0.22 Ω	MP R	QRM059J-R22	R2906						
*	Ĵ	7W	1k Ω	UNF R	QRF074J-102	R2951						
	j	2W	18 Ω	OM R	QRG029J-180A	R2953						
	J	2W	15 Ω	OM R	QRG029J-150A	R2954						

A	Symbol No.	Part No.	Part Name	Descriptio	n	Local
Δ	RESIST R2955 R2958 R2967 R2991	O R QRG029J-100A QRG029J-473A QRG029J-223 QRZ0057-825	OM R OM R OM R C R	10 Ω 47kΩ 22kΩ 8.2MΩ	2W J 2W J 2W J 1W J	* * *
	C A P A C I C2401 C2402 C2403 C2404 C2405 C2407-08 C2409 C2410	T O R QETN1CM-107Z QFLC1HJ-152MZ QETB1VM-108 QETN1VM-107Z QETN1HM-105Z QFLC1HJ-104MZ QFLC2AJ-393MZ QFLC2AJ-563MZ	E CAP. M CAP. E CAP. E CAP. E CAP. M CAP. M CAP. M CAP.	•	16V M 50V J 35V M 35V M 50V M 50V J 100V J	* * * * *
	C2413 C2415 C2453 C2462 C2463 C2464 C2465 C2466	QFVC1HJ-154Z QETN1HM-106Z QETN1CM-107Z QFP31HG-273S QEM61EK-225MZ QFV71HJ-184MZ QFV71HJ-823MZ QETN1CM-108Z	TF CAP. E CAP. E CAP. PP CAP. E CAP. TF CAP. TF CAP. E CAP.	0.15 μ F 10 μ F 100 μ F 0.027 μ F 2.2 μ F 0.18 μ F 0.082 μ F 1000 μ F	50V J 50V M 16V M 50V G 25V K 50V J 50V J 16V M	* * *
	C2467 C2468 C2469 C2470 C2480 C2481 C2482 C2484	QCZ0120-104MZ QFLC1HJ-103MZ QFLC1HJ-393MZ QEM61HK-475MZ QFLC1HJ-273MZ QETN1HM-106Z QETN1HM-105Z QFLC1HJ-123MZ	C CAP. M CAP. M CAP. E CAP. M CAP. E CAP. E CAP. M CAP.	0.1 µ F 0.01 µ F 0.039 µ F 4.7 µ F 0.027 µ F 10 µ F 1 µ F 0.012 µ F	25V Z 50V J 50V J 50V K 50V M 50V M 50V M	* * * * * * *
	C2485 C2486 C2510 C2521 C2522 C2523 C2524-25 C2526	QCZ0120-104MZ QETN1CM-227Z QEHC2CM-105MZ QFZ0122-242S QFZ0117-1202S QFP32GJ-273M QFZ0119-624S QETN2EM-475Z	C CAP. E CAP. E CAP. MPP CAP. MPP CAP. MPP CAP. MPP CAP. MPP CAP.	2400 p F1.; 0.012 μ F1.; 0.027 μ F 0.62 μ F		* * * *
A	C2528 C2529 C2531 C2532 C2536 C2553-54 C2555 C2556	QETM2CM-227 QFZ0128-393S QFZ0119-224S QFZ0119-354S QFLC1HJ-122MZ QETN1EM-108Z QETN2EM-106Z QFV71HJ-104MZ	E CAP. MPP CAP. MPP CAP. MPP CAP. M CAP. E CAP. E CAP. TF CAP.	0.039 µ F 0.22 µ F 0.35 µ F 1200 p F 1000 µ F	160V M 400V ± 3% 200V ± 3% 200V ± 3% 50V J 25V M 250V M 50V J	* * * * * *
⚠	C2571 C2572 C2581 C2582 C2583 C2902 C2903	QETCOJM-107Z QETN1CM-476Z QETN1AM-227Z QETN2AM-106Z QEN61HM-105Z QCZ9034-472A QCZ9034-472A QCZ9034-472A	E CAP. E CAP. E CAP. BP E CAP. C CAP. C CAP. C CAP.	47 μ F 220 μ F	400V P	* * * *
	C2905 C2908 C2910 C2911 C2915 C2917 C2918 C2920	QEZ0167-227M QCZ0122-391A QCZ0122-151A QCZ0122-221A QETN1EM-107Z QFLC1HJ-102MZ QFLC1HJ-104MZ QETN1HM-105Z	E CAP. C CAP. C CAP. C CAP. E CAP. M CAP. M CAP. E CAP.	220 µ F 3 390 p F 20 150 p F 20 220 p F 20 100 µ F 1000 p F 0.1 µ F 1 µ F	000V K	* * * * * * *
	C2921	QFLC1HJ-392MZ	M CAP.	3900 p F	50V J	*

∆ Symbol No	. Part No.	Part Name	Description	Local
CAPAC C2934 C2951 C2952-53 C2958 C2959 C2960 C2961 C2962	C I T O R	MM CAP. C CAP. E CAP.	0.047 μ FAC275V M 220 p F 2000V K 1000 p F 500V K 220 μ F 160V M 2200 μ F 25V M 1200 μ F 10V M 2200 μ F 25V M 1200 μ F 35V M	* *
C2964-66 C2967 C2968 C2969 C2971-72 C2974 C2976 C2981	QCZ0120-104MZ QETN1AM-227Z QEHC1AM-108MZ QETN1CM-227Z QFV71HJ-104MZ QEHB1VM-108M QETN1CM-227Z QETN1AM-227Z	C CAP. E CAP. E CAP. E CAP. TF CAP. E CAP. E CAP. E CAP.	$\begin{array}{ccccccc} 0.1\mu\text{F} & 25\text{V} & \text{Z} \\ 220\mu\text{F} & 10\text{V} & \text{M} \\ 1000\mu\text{F} & 10\text{V} & \text{M} \\ 220\mu\text{F} & 16\text{V} & \text{M} \\ 0.1\mu\text{F} & 50\text{V} & \text{J} \\ 1000\mu\text{F} & 35\text{V} & \text{M} \\ 220\mu\text{F} & 16\text{V} & \text{M} \\ 220\mu\text{F} & 10\text{V} & \text{M} \end{array}$	* * * *
⚠ C2992 ⚠ C2993	QCZ9041-471A QCZ9041-332A	C CAP.	470 p FAC400V K 3300 p FAC400V M	*
T R A N S T2501 T2521 △ T2901	FORMER CE42034-002 CE42549-001J1 CETS087-001J4	H.DRIVE TRANSF. BRIGE COIL SW TRANSF.		*
C O I L L2461 L2521 L2522 L2551 L2901 L2931 L2951 L2952-53	CE42567-002J1 CELL011-002J1 CE42693-001J1 CELC901-086J6 CELC057-2R7Z CELC055-100 CELC901-046J6 CELC057-3R3Z	INJECTION COIL LINEARITY COIL CHOKE COIL HEATER CHOKE CHOKE COIL CHOKE COIL HEATER CHOKE CHOKE COIL		* * * * *
D I O D E D2402 D2404 D2405 D2406 D2407 D2461 D2462 D2465-66	***	SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE SI.DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE ZENER DIODE		* * * * * *
D2521 D2522 D2523 D2524 D2551-52 D2553-55 D2561 D2562	BY228-20 BYW95C-20 BYD33G-T3 BY228-20 BYW95B-20 BYD33G-T3 MTZJ39(B)-T2 1SS133-T2	SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		* * * * * *
D2575 D2576 D2582 D2583 D2901 D2902 D2904 D2951	MTZJ7.5(B)-T2 MTZJ15(B)-T2 MA4068(N)C1-T2 BYD33D-T3 D3SBA60 BYD33M-T3 BYD33D-T3 RU4B-C1	ZENER DIODE ZENER DIODE ZENER DIODE SI.DIODE DIODE BRIDGE SI.DIODE SI.DIODE SI.DIODE SI.DIODE		* * * * * * * * * *
D2952 D2953 D2954-56 D2957 D2958 D2960	BYD33M-T3 BYD33G-T3 BYW95B-20 1SS146-T2 MTZJ7.5(B)-T2 MCR22-6	SI.DIODE SI.DIODE SI.DIODE SI.DIODE ZENER DIODE THYRISTOR		* * * *

# AV-28WT2EK

Δ	Symbol No.	Part No.	Part Name	Description	Local
	D I O D E D2961 D2963 D2964 D2965 D2966 D2981-86	MTZJ15(B)-T2 MTZJ33(B)-T2 BYW95B-20 BYD33D-T3 MTZJ7.5(C)-T2 1SS133-T2	ZENER DIODE ZENER DIODE SI.DIODE SI.DIODE ZENER DIODE SI.DIODE		* * *
Δ	T R A N S I Q2461-65 Q2466 Q2467 Q2501 Q2521 Q2531-32 Q2533-35 Q2536	S T O R 2PC1815(YG)-T 2SD1408(OY)-LB 2PC1815(YG)-T BSN274 BU2508AX IRF620 DTC124ES-T IRF620	SI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR F.E.T. POWER TRANSISTOR F.E.T. DIGI.TRANSISTOR F.E.T.	н.оит	* * * * * *
	Q2537 Q2561 Q2571 Q2572 Q2573 Q2901 Q2951 Q2952	DTC124ESA-T 2PA1015(YG)-T 2SA949(Y)C1-T DTC124ESA-T 2PC1815(YG)-T MTA4N60E 2PC1815(YG)-T 2SC2240(GB)-T	DIGI.TRANSISTOR SI.TRANSISTOR SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR F.E.T. SI.TRANSISTOR SI.TRANSISTOR		* * *
	Q2953 Q2981-82	DTC124ES-T 2PC1815(YG)-T	DIGI.TRANSISTOR SI.TRANSISTOR		*
Δ	I C IC2401 IC2461 IC2462 IC2531-32 IC2901 IC2902 IC2951 IC2952	LA7841 TA8739P XRA15218N TLP621(B) MC44604P TLP721F(D4-GR) AN7812F AN7809F	I.C(MONO-ANA) I.C(MONO-ANA) I.C(MONO-ANA) I.C(PH.COUPLER) I.C(MONO-ANA) I.C(PH.COUPLER) I.C(MONO-ANA) I.C(MONO-ANA)		*
	IC2953 IC2954	AN7705F SE135N	I.C.(MONO-ANA) I.C(HYBRID)		*
$\triangle$ $\triangle$	OTHERS CP2952 CP2953 FR2551 FR2552 FR2553 K2401 K2521 K2901-02		I.C.PROTECT I.C.PROTECT F R F R F R BEADS CORE BEADS CORE CORE	4.7 Ω 1/4W J 1 Ω 1W J 1 Ω 1W J	* * * * * *
	K2951 RY2901 TH2901	CE41433-001Z CESK028-002 CEKP002-003	BEADS CORE RELAY W.P.THERMISTOR		*

No.51228 57

## CRT SOCKET PW BOARD ASS'Y ( SJF-3002A-U2 )

RESISTOR R3113 QR0029J-163A OM R 15KΩ 2W J R3114 QR0029J-183A OM R 15KΩ 2W J R3115-16 QR0029J-183A OM R 15KΩ 2W J R3115-16 QR0029J-183A OM R 15KΩ 2W J R3117 QR0029J-183A OM R 15KΩ 2W J R3117 QR0029J-183A OM R 15KΩ 2W J R3118-20 QR20107-102Z C R 1KΩ 17ZW K R3124 QR0029J-183A OM R 15KΩ 2W J R3151 QR20107-104Z C R 15KΩ 17ZW K R3151 QR20107-4074Z C R 470KΩ 1W K R3151 QR20107-4074Z C R 470KΩ 1W K R3151 QR20107-4074Z C R 470KΩ 1W K R3161 QR20107-4074Z C R 470KΩ 1W K R3318 QR0029J-391A OM R 390 Ω 2W J R3318 QR0029J-391A QR107-407-2 C CAP. 100 μ F 16V M C3103 NCB21HK-331AY CHIP CAP. 330 μ F 50V K C3105 QF TMICM-107Z E CAP. 100 μ F 16V M C3103 NCB21HK-331AY CHIP CAP. 330 μ F 50V M C3104 QF TMICM-107Z E CAP. 100 μ F 16V M C3113 QC20121-102M C CAP. 100 μ F 16V M C3113 QC20121-102M C CAP. 100 μ F 50V M C3121 QF TMIHM-106Z E CAP. 10 μ F 50V M C3121 QF TMIHM-106Z E CAP. 10 μ F 50V M C3121 QF TMIHM-106Z E CAP. 10 μ F 50V M C3121 QF TMIHM-106Z E CAP. 10 μ F 50V M C3303 QF NCT03/CH-681AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-681AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J CAP. 100 μ F 16V M C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J CAP. 100 μ F 16V M C3303 QF NCT03/CH-680AY CHIP CAP. 50 F 50V J CAP. 100 μ F 16V M CAP. 100	∆ Symbol No.	Part No.	Part Name	Descript [.]	ion		Local
R3114	RESIS	TOR					
R3116-16 QRG029J-183A OM R 18kΩ 2 W J * R3115-16 QRG029J-183A OM R 15kΩ 2 W J * R3117 QRG029J-183A OM R 18kΩ 2 W J * R3118-20 QRZ0107-102Z C R 18kΩ 2 W J * R3118-20 QRZ0107-102Z C R 18kΩ 2 W J * R3124 QRG029J-183A OM R 18kΩ 2 W J * R3131 QRZ0107-474Z C R 18kΩ 2 W J * R3306 QR0141J-100SY C R 11kΩ 1/2W K * * R3306 QR0141J-100SY C R 10Ω 10 W K J * R3306 QR0141J-100SY C R 10Ω 10 W K J * R3318 QRG029J-391A OM R 390 Ω 2W J * R3318 QRG029J-391A OM R 390 Ω 2W J * R3318 QRG029J-391A OM R 390 Ω 2W J * R3318 QRG029J-391A OM R 390 Ω 2W J * R3318 QRG029J-391A OM R 390 Ω 2W J * * QRG029J-391A QR	R3113	ORG029J-153A	OM R	15k O	2 W	.1	*
R3115-16	R3114	=					*
R3117							*
R3118-20		-					
R3124		-					7
R3131							*
## R3306		-					*
R3318				470k Ω	1W	K	*
C A P A C I T O R C3101-02 NCT03CH-271AY CHIP CAP. 270 p F 50V J * C3103 NCB21HK-331AY CHIP CAP. 330 p F 50V K * C3104 QETNICM-107Z E CAP. 100 μ F 16V M * C3106 NCF21EZ-104AY CER.CAP.—M 0.1 μ F 25V Z * C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3121 QETNIAM-106Z E CAP. 10 μ F 50V M * C3123 QETNIAM-106Z E CAP. 10 μ F 50V M * C3301 QETN2CM-106Z E CAP. 10 μ F 16V M * C3301 QETN2CM-106Z E CAP. 10 μ F 16V M * C3302 QETN1CM-107Z E CAP. 10 μ F 16V M * C3303 QETN1AM-107Z E CAP. 10 μ F 16V M * C3304 QETN1AM-35E E CAP. 10 μ F 16V M * C3305 NCT03CH-681AY CHIP CAP. 5 p F 50V J * C3306 NCT03CH-681AY CHIP CAP. 5 p F 50V J * C3307 QETN2CM-106Z E CAP. 10 μ F 16V M * C3308 NCT03CH-681AY CHIP CAP. 5 p F 50V J * C3309 NCT03CH-681AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 10 μ F 16V M * C3311 QETNICM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 10 μ F 16V M * C3312 QETNIAM-107Z E CAP. 100 μ F 16V M * C3312 QETNIAM-107Z E CAP. 100 μ F 16V M * C3313 QETNICM-337Z E CAP. 330 μ F 16V M * C3314 QETNICM-337Z E CAP. 330 μ F 16V M * C3315 QETNIAM-107Z E CAP. 100 μ F 16V M * C3316 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E D3121 DAN202K-X DIODE ARRAY D3125-26 DAN202K-X DIODE ARRAY D3312-62 CELP026-181Z PEAKING COIL 180 μ H *  D1 O D E D3121 DAN202K-X DIODE ARRAY D3301-02 PC1815(YG)-T SI. TRANSISTOR Q3104 Q254837 SI. TRANSISTOR Q3105 2PC1815(YG)-T SI. TRANSISTOR Q3304 Q3303 2PA1015(YG)-T SI. TRANSISTOR Q3304 Q3304 ZSA1837 SI. TRANSISTOR Q3307 Q3306 CSC4793 SI. TRANSISTOR Q3309 Q3300 QCH015/G6)-T SI. TRANSISTOR Q3301-04 CE41492-001Z CHOKE COIL	∆ R3306	QRD141J-100SY	C R	10 Ω	1/4W	J	*
C3101-02 NCT03CH-271AY CHIP CAP. 270 p F 50V J C3103 NCB21K-331AY CHIP CAP. 330 p F 50V K C3104 QETN1CM-107Z E CAP. 100 μ F 16V M C3106 NCF21EZ-104AY CER. CAP. 47 μ F 16V M C3106 NCF21EZ-104AY CER. CAP. 1000 μ F 16V M C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3301 QETN2CM-106Z E CAP. 10 μ F 16V M C3301 QETN1CM-107Z E CAP. 10 μ F 16V M C3303 QF C111-103MZ M CAP. 10 μ F 16V M C3303 QF C111-103MZ M CAP. 0.01 μ F 50V J C3304 QETN1CM-107Z E CAP. 3.3 μ F 50V M C3306 NCT03CH-680AY CHIP CAP. 5 p F 50V J C3308 NCT03CH-680AY CHIP CAP. 5 p F 50V J C3308 NCT03CH-680AY CHIP CAP. 680 p F 50V J C3308 NCT03CH-681AY CHIP CAP. 220 p F 50V J C3311 QETN2CM-106Z E CAP. 10 μ F 16V M C3312 QETN1CM-107Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z	R3318	QRG029J-391A	OM R	390 Ω	2W	J	*
C3101-02 NCT03CH-271AY CHIP CAP. 270 p F 50V J C3103 NCB21K-331AY CHIP CAP. 330 p F 50V K C3104 QETN1CM-107Z E CAP. 100 μ F 16V M C3106 NCF21EZ-104AY CER. CAP. 47 μ F 16V M C3106 NCF21EZ-104AY CER. CAP. 1000 μ F 16V M C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3123 QETM2EM-336 E CAP. 10 μ F 50V M C3301 QETN2CM-106Z E CAP. 10 μ F 16V M C3301 QETN1CM-107Z E CAP. 10 μ F 16V M C3303 QF C111-103MZ M CAP. 10 μ F 16V M C3303 QF C111-103MZ M CAP. 0.01 μ F 50V J C3304 QETN1CM-107Z E CAP. 3.3 μ F 50V M C3306 NCT03CH-680AY CHIP CAP. 5 p F 50V J C3308 NCT03CH-680AY CHIP CAP. 5 p F 50V J C3308 NCT03CH-680AY CHIP CAP. 680 p F 50V J C3308 NCT03CH-681AY CHIP CAP. 220 p F 50V J C3311 QETN2CM-106Z E CAP. 10 μ F 16V M C3312 QETN1CM-107Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 10 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3312 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z	CAPAC	ITOR					
C3103 NCB21HK-331AY CHIP CAP. 330 p F 50V K			CHIP CAP	270 n F	501/	1	*
C3104 QETN1CM-107Z E CAP. 100 μF 16V M							
C3105 QETN1CM-476Z E CAP. 47 μ F 16V M							-
C3106 NCF21EZ-104AY CER.CAPM 0.1 μF 25V Z C3113 OCZ0121-102M C CAP. 1000 pF 3000V P C3121 QETN1HM-106Z E CAP. 10 μF 50V M * C3123 QETM2EM-336 E CAP. 33 μF 250V M * C3123 QETM2EM-336 E CAP. 10 μF 160V M * C3301 QETN1CM-107Z E CAP. 100 μF 16V M * C3302 QETN1CM-107Z E CAP. 100 μF 16V M * C3303 QFL1HJ-103MZ M CAP. 0.01 μF 50V J * C3304 QETN1HM-335Z E CAP. 3.3 μF 50V M * C3306 NCT03CH-680AY CHIP CAP. 5 pF 50V J * C3306 NCT03CH-680AY CHIP CAP. 5 pF 50V J * C3308 NCT03CH-680AY CHIP CAP. 680 pF 50V J * C3308 NCT03CH-680AY CHIP CAP. 680 pF 50V J * C3310 QETN2CM-106Z E CAP. 100 μF 160V M * C3312 QETN1CM-107Z E CAP. 100 μF 160V M * C3312 QETN1CM-107Z E CAP. 100 μF 160V M * C3312 QETN1CM-337Z E CAP. 330 μF 16V M * C3312 QETN1CM-337Z E CAP. 330 μF 16V M * C3312 QETN1CM-337Z E CAP. 330 μF 16V M * C3312 MA3068 (M)-X ZEMER DIODE ARRAY D3123 MA3068 (M)-X ZEMER DIODE ARRAY D3124 CPC1815 (YG)-T SI.TRANSISTOR AD301-02 PC1815 (YG)-T SI.TRANSISTOR AD301-04 CE41492-001Z CHOKE COIL		=					
C3113 QCZ0121-102M C CAP. 1000 p F 3000V P C3121 QETN1HM-106Z E CAP. 10 μ F 50V M * C3123 QETM2EM-336 E CAP. 33 μ F 250V M * C3301 QETN2CM-106Z E CAP. 10 μ F 50V M * C3302 QETN1CM-107Z E CAP. 100 μ F 160V M * C3302 QETN1CM-107Z E CAP. 100 μ F 16V M * C3303 QFLC1HJ-103MZ M CAP. 0.01 μ F 50V J * C3304 QETN1HM-335Z E CAP. 3.3 μ F 50V M * C3305 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J * C3306 NCT03CH-681AY CHIP CAP. 5 p F 50V J * C3308 NCT03CH-681AY CHIP CAP. 680 p F 50V J * C3308 NCT03CH-681AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 10 μ F 160V M * C3311 QETN1CM-107Z E CAP. 10 μ F 160V M * C3312 QETN1AM-107Z E CAP. 10 μ F 16V M * C3312 QETN1AM-107Z E CAP. 100 μ F 10V M * C3312 QETN1AM-107Z E CAP. 330 μ F 10V M * C3312 QETN1AM-107Z E CAP. 330 μ F 16V M * C3312 QETN1AM-107Z E CAP. 330 μ F 16V M * C3312 QETN1AM-107Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1AM-107Z E CAP. 300 μ F 10V M * C3312 QETN1AM-107Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * C3312 QETN1CM-337Z E CAP. 300 μ F 10V M * CAP. 300 μ F 10V		<del>-</del>		4/µ F			
C3121 QETM1HM-106Z E CAP. 10 μF 50V M * C3123 QETM2EM-336 E CAP. 33 μF 250V M *  C3301 QETM2CM-106Z E CAP. 10 μF 160V M * C3302 QETN1CM-107Z E CAP. 100 μF 16V M * C3303 QFLC1HJ-103MZ M CAP. 0.01 μF 50V J * C3304 QETN1HM-335Z E CAP. 3.3 μF 50V M * C3305 NCT03CH-5R0AY CHIP CAP. 5 μF 50V J * C3306 NCT03CH-681AY CHIP CAP. 680 μF 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 μF 50V J * C3300 QETN2CM-106Z E CAP. 10 μF 160V M * C3311 QETN1CM-107Z E CAP. 10 μF 160V M * C3312 QETN1AM-107Z E CAP. 100 μF 16V M * C3313 QETN1CM-337Z E CAP. 330 μF 16V M * C3313 QETN1CM-337Z E CAP. 330 μF 16V M * CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μH *  DI O D E D3121 DAN202K-X DIODE ARRAY D3125-26 DAN202K-X DIODE ARRAY D3125-27 DAN202K-X DIODE ARRAY D3101-03 2PC1815(YG)-T SI. TRANSISTOR * Q3104-06 2SC4544-C1 SI. TRANSISTOR * Q3301-02 2PC1815(YG)-T SI. TRANSISTOR * Q3301-02 2PC1815(YG)-T SI. TRANSISTOR * Q3301-02 2PC1815(YG)-T SI. TRANSISTOR * Q3303 2PA1015(YG)-T SI. TRANSISTOR * Q3304 2SA1837 SI. TRANSISTOR * Q3305 2SC4793 SI. TRANSISTOR * Q3306 CE41492-001Z CHOKE COIL *  * O THE R S  Δ FR3319 QRH017J-561M F R 560 Ω 1W J *				0.1μF		Z	*
C3121 QETN1HM-106Z E CAP. 10 μF 50V M *  C3123 QETM2EM-336 E CAP. 33 μF 250V M *  C3301 QETN2CM-106Z E CAP. 10 μF 160V M  C3302 QETN1CM-107Z E CAP. 100 μF 16V M *  C3303 QFLC1HJ-103MZ M CAP. 0.01 μF 50V J *  C3304 QETN1HM-335Z E CAP. 3.3 μF 50V M *  C3305 NCT03CH-5R0AY CHIP CAP. 5 μF 50V J *  C3306 NCT03CH-681AY CHIP CAP. 5 μF 50V J *  C3308 NCT03CH-681AY CHIP CAP. 220 μF 50V J *  C3300 QETN2CM-106Z E CAP. 10 μF 160V M *  C3311 QETN1CM-107Z E CAP. 10 μF 16V M *  C3312 QETN1AM-107Z E CAP. 10 μF 16V M *  C3312 QETN1AM-107Z E CAP. 100 μF 16V M *  C3313 QETN1CM-337Z E CAP. 100 μF 16V M *  C3314 DAN20ZK-X DIODE ARRAY  D3123 MA3068(M)-X ZENER DIODE *  D3121 DAN20ZK-X DIODE ARRAY  D3123 MA3068(M)-X ZENER DIODE *  D3124 DAN20ZK-X DIODE ARRAY  D3301-02 RH15-T3 SI. TRANSISTOR *  Q3101-03 2PC1815(YG)-T SI. TRANSISTOR *  Q3104-06 2SC4544-C1 SI. TRANSISTOR *  Q3154 2PA1015(YG)-T SI. TRANSISTOR *  Q3301-02 2PC1815(YG)-T SI. TRANSISTOR *  Q3301-02 2PC1815(YG)-T SI. TRANSISTOR *  Q3303 2PA1015(YG)-T SI. TRANSISTOR *  Q3304 2SA1837 SI. TRANSISTOR *  Q3304 2SA1837 SI. TRANSISTOR *  Q3305 2SC4793 SI. TRANSISTOR *  Q3306 CE41492-001Z CHOKE COIL *  *  A FR3319 QRH017J-561M F R 560 Ω 1W J *  *  *  A FR3319 QRH017J-561M F R 560 Ω 1W J *  *  *  *  *  *  *  *  *  *  *  *  *		-		1000 p F	3000V	P	
C3311 QETN2CM-106Z E CAP. 10 μ F 160V M C3301 QETN2CM-106Z E CAP. 100 μ F 16V M C3302 QETN1CM-107Z E CAP. 1000 μ F 16V M C3303 QFLC1HJ-103MZ M CAP. 0.01 μ F 50V J C3304 QETN1HM-335Z E CAP. 3.3 μ F 50V M C3306 NCT03CH-5R0AY CHIP CAP. 5 μ F 50V J C3306 NCT03CH-681AY CHIP CAP. 680 μ F 50V J C3308 NCT03CH-221AY CHIP CAP. 220 μ F 50V J C3310 QETN2CM-106Z E CAP. 10 μ F 160V M C3311 QETN1CM-107Z E CAP. 10 μ F 160V M C3312 QETN1AM-107Z E CAP. 100 μ F 16V M C3312 QETN1AM-107Z E CAP. 100 μ F 16V M C3313 QETN1CM-337Z E CAP. 330 μ F 16V M C3312 QETN1CM-337Z E CAP. 330 μ F 16V M C3313 QETN1CM-337Z E CAP. 330 μ F 16V M C3311 DAN202K-X DIODE ARRAY	C3121		E CAP.			М	*
C3302 QETNICM-107Z E CAP. 100 μ F 16V M * C3303 QFLC1HJ-103MZ M CAP. 0.01 μ F 50V J * C3304 QETNIHM-335Z E CAP. 3.3 μ F 50V M * C3305 NCT03CH-5R0AY CHIP CAP. 5 μ F 50V J * C3306 NCT03CH-681AY CHIP CAP. 680 μ F 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 μ F 50V J * C3310 QETN2CM-106Z E CAP. 100 μ F 16V M * C3311 QETN1CM-107Z E CAP. 100 μ F 16V M * C3312 QETN1AM-107Z E CAP. 100 μ F 16V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M * C3314 DANAGEM CHIP CAP. 300 μ F 10V M * C3315 QETN1CM-337Z E CAP. 330 μ F 16V M * C3316 DANAGEM CAP. 330 μ F 16V M *  T O I D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3126 DAN202K-X DIODE ARRAY D3127 DAN202K-X DIODE ARRAY D3128 MA3068(M)-X ZENER DIODE T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 ZSC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 ZSA1837 SI.TRANSISTOR Q3305 ZSC4793 SI.TRANSISTOR Q3305 ZSC4793 SI.TRANSISTOR Q3306 CEL41492-001Z CHOKE COIL	C3123	QETM2EM-336	E CAP.		250V	М	*
C3302 QETNICM-107Z E CAP. 100 μ F 16V M * C3303 QFLC1HJ-103MZ M CAP. 0.01 μ F 50V J * C3304 QETNIHM-335Z E CAP. 3.3 μ F 50V M * C3305 NCT03CH-5R0AY CHIP CAP. 5 μ F 50V J * C3306 NCT03CH-681AY CHIP CAP. 680 μ F 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 μ F 50V J * C3310 QETN2CM-106Z E CAP. 100 μ F 16V M * C3311 QETN1CM-107Z E CAP. 100 μ F 16V M * C3312 QETN1AM-107Z E CAP. 100 μ F 16V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M * C3314 DANAGEM CHIP CAP. 300 μ F 10V M * C3315 QETN1CM-337Z E CAP. 330 μ F 16V M * C3316 DANAGEM CAP. 330 μ F 16V M *  T O I D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3126 DAN202K-X DIODE ARRAY D3127 DAN202K-X DIODE ARRAY D3128 MA3068(M)-X ZENER DIODE T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 ZSC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 ZSA1837 SI.TRANSISTOR Q3305 ZSC4793 SI.TRANSISTOR Q3305 ZSC4793 SI.TRANSISTOR Q3306 CEL41492-001Z CHOKE COIL	C3301	OFTN2CM-1067	F CAD	10 5	1607	M	
C3303							
C3304 QETN1HM-335Z E CAP. 3.3 μF 50V M * C3305 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J * C3306 NCT03CH-681AY CHIP CAP. 680 p F 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 10 μF 160V M *  C3311 QETN1CM-107Z E CAP. 100 μF 16V M * C3312 QETN1AM-107Z E CAP. 100 μF 16V M * C3313 QETN1CM-337Z E CAP. 330 μF 16V M *  CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3121 DAN202K-X DIODE ARRAY D3126-26 DAN202K-X DIODE ARRAY D3101-02 RHIS-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3163 2PC1815(YG)-T SI.TRANSISTOR Q3164 2PA1015(YG)-T SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3164 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 SC4793 SI.TRANSISTOR Q3301-04 CE41492-001Z CHOKE COIL							
C3305 NCT03CH-5R0AY CHIP CAP. 5 p F 50V J * C3306 NCT03CH-681AY CHIP CAP. 680 p F 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 100 μ F 160V M *  C3311 QETN1CM-107Z E CAP. 100 μ F 160V M * C3312 QETN1AM-107Z E CAP. 100 μ F 16V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3155 2PC1815(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 ZSC4793 SI.TRANSISTOR Q3306 P 50V J W J *  E CAP. 100 μ F 160V M *  *  *  *  *  *  *  *  *  *  *  *  *		=					*
C3306 NCT03CH-681AY CHIP CAP. 680 p F 50V J * C3308 NCT03CH-221AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 10 μ F 160V M *  C3311 QETN1CM-107Z E CAP. 100 μ F 16V M * C3312 QETN1AM-107Z E CAP. 100 μ F 10V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  C O I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125 DAN202K-X DIODE ARRAY D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC45444-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3304 CSA1837 SI.TRANSISTOR * Q3305 PRIODE SI.TRANSISTOR PA1015(YG)-T SI.TRANSISTOR PA1		=		3.3 µ F	50V	М	*
C3308 NCT03CH-221AY CHIP CAP. 220 p F 50V J * C3310 QETN2CM-106Z E CAP. 10 μ F 160V M *  C3311 QETN1CM-107Z E CAP. 100 μ F 16V M * C3312 QETN1AM-107Z E CAP. 100 μ F 10V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE * D3123 MA3068(M)-X ZENER DIODE * D3124 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR * Q3154 2PA1015(YG)-T SI.TRANSISTOR * Q3301-02 2PC1815(YG)-T SI.TRANSISTOR * Q3303 2PA1015(YG)-T SI.TRANSISTOR * Q3304 2SA1837 SI.TRANSISTOR * Q3305 2SC4793 SI.TRANSISTOR * Q3305 2SC4793 SI.TRANSISTOR * Q3307 Q3309 QRH017J-561M F R SA3301-04 CE41492-001Z CHOKE COIL					50V	J	*
C3308 NCT03CH-221AY CHIP CAP. 220 p F 50V J  *C3310 QETN2CM-106Z E CAP. 10 μ F 160V M  *C3311 QETN1CM-107Z E CAP. 100 μ F 16V M  *C3312 QETN1AM-107Z E CAP. 100 μ F 10V M  *C3313 QETN1CM-337Z E CAP. 330 μ F 16V M  *C3313 QETN1CM-337Z E CAP. 330 μ F 16V M  *CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H  *CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H  *CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H  *CO I C C C C C C C C C C C C C C C C C C	C3306	NCT03CH-681AY	CHIP CAP.	680 p F	50V	J	*
C3310 QETN2CM-106Z E CAP. 10 μ F 160V M  C3311 QETN1CM-107Z E CAP. 100 μ F 16V M *  C3312 QETN1AM-107Z E CAP. 100 μ F 10V M *  C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  CO I L  L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E  D3121 DAN202K-X DIODE ARRAY  D3123 MA3068(M)-X ZENER DIODE  D3125-26 DAN202K-X DIODE ARRAY  D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R  Q3101-03 2PC1815(YG)-T SI.TRANSISTOR  Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3155 2PC1815(YG)-T SI.TRANSISTOR Q3104-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3301-04 CE41492-001Z CHOKE COIL	C3308	NCT03CH-221AY	CHIP CAP.		50V		*
C3312 QETN1AM-107Z E CAP. 100 μ F 10V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E  D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3301-04 CE41492-001Z CHOKE COIL	C3310	QETN2CM-106Z	E CAP.	•			
C3312 QETN1AM-107Z E CAP. 100 μ F 10V M * C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  CO I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  D I O D E  D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3301-04 CE41492-001Z CHOKE COIL	C3311	OF TN 1 CM = 10.77	E CAD	100 - 5	4.014		
C3313 QETN1CM-337Z E CAP. 330 μ F 16V M *  COIL L3101-03 CELP026-181Z PEAKING COIL 180 μ H *  DIODE D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  TRANSISTOR Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 QRH017J-561M F R K3301-04 CE41492-001Z CHOKE COIL		-					
C O I L L3101-03 CELP026-181Z PEAKING COIL 180 μ H  D I O D E  D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE  **  T R A N S I S T O R  Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 PRO17J-561M F R  K3301-04 CE41492-001Z CHOKE COIL							
L3101-03   CELP026-181Z   PEAKING COIL   180 μ H   *	(3313	QEINICM-3372	E CAP.	330 µ F	16V	M	*
D I O D E  D3121 DAN202K-X DIODE ARRAY  D3123 MA3068(M)-X ZENER DIODE  D3125-26 DAN202K-X DIODE ARRAY  D3301-02 RH1S-T3 SI.DIODE  **  TRANSISTOR  Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 CSC4793 SI.TRANSISTOR Q3307 Q3307 Q3307 CSC4793 SI.TRANSISTOR Q3308 PA1015(YG)-T SI.TRANSISTOR Q3309 CSC4793 SI.TRANSISTOR Q3301-04 CSC41492-001Z CHOKE COIL							
D3121 DAN202K-X DIODE ARRAY D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 CSC4793 SI.TRANSISTOR Q3307 Q3306 CSC4793 SI.TRANSISTOR Q3307 Q3307 Q3306 CSC4793 SI.TRANSISTOR Q3308 CSC4793 SI.TRANSISTOR Q3309 QRH017J-561M F R S60 Ω 1W J * CHOKE COIL	L3101-03	CELP026-181Z	PEAKING COIL	180 µ H			*
D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 CSC4793 SI.TRANSISTOR Q3307 OT H E R S  A FR3319 QRH017J-561M F R K3301-04 CE41492-001Z CHOKE COIL	DIODE						
D3123 MA3068(M)-X ZENER DIODE D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  T R A N S I S T O R Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3307 OT H E R S  A FR3319 QRH017J-561M F R 560 Ω 1W J * K3301-04 CE41492-001Z CHOKE COIL	D3121	DAN202K-X	DIODE ARRAY				
D3125-26 DAN202K-X DIODE ARRAY D3301-02 RH1S-T3 SI.DIODE *  TRANSISTOR Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 2SC4793 SI.TRANSISTOR Q3307 Q308 2PA1015(YG)-T SI.TRANSISTOR Q3308 CSC4793 SI.TRANSISTOR Q3309 CSC4793 SI.TRANSISTOR Q309 CSC4793 CSC4793 SI.TRANSISTOR COTHERS  A FR3319 QRH017J-561M FR 560 Ω 1W J *  K3301-04 CE41492-001Z CHOKE COIL	D3123						*
TRANSISTOR  Q3101-03 2PC1815(YG)-T SI.TRANSISTOR Q3104-06 2SC4544-C1 SI.TRANSISTOR Q3153 2PC1815(YG)-T SI.TRANSISTOR Q3154 2PA1015(YG)-T SI.TRANSISTOR Q3301-02 2PC1815(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3303 2PA1015(YG)-T SI.TRANSISTOR Q3304 2SA1837 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3305 2SC4793 SI.TRANSISTOR Q3306 CSC4793 SI.TRANSISTOR Q3307 CSC4793 SI.TRANSISTOR Q3308 CSC4793 CSC4793 SI.TRANSISTOR Q3309 CSC4793 CSC4793 SI.TRANSISTOR Q3301-04 CSC41492-001Z CHOKE COIL							•
TRANSISTOR Q3101-03							
Q3101-03		MII3 13	31.01006				
Q3104-06	TRANS	ISTOR					
Q3104-06			SI.TRANSISTOR				*
Q3153	-						*
Q3154							٠.
Q3301-02 2PC1815(YG)-T SI.TRANSISTOR * Q3303 2PA1015(YG)-T SI.TRANSISTOR * Q3304 2SA1837 SI.TRANSISTOR * Q3305 2SC4793 SI.TRANSISTOR  O T H E R S  Δ FR3319 QRH017J-561M F R 560 Ω 1W J * K3301-04 CE41492-001Z CHOKE COIL							• • • • • • • • • • • • • • • • • • •
Q3303							*
Q3304							*
Q3305 2SC4793 SI.TRANSISTOR  O T H E R S  Δ FR3319 QRH017J-561M F R 560 Ω 1W J *  K3301-04 CE41492-001Z CHOKE COIL			_				*
O T H E R S Δ FR3319 QRH017J-561M F R 560 Ω 1W J * K3301-04 CE41492-001Z CHOKE COIL							
Δ FR3319 QRH017J-561M F R 560 Ω 1W J *  K3301-04 CE41492-001Z CHOKE COIL	Q3305	2SC4793	SI.TRANSISTOR				
Δ FR3319 QRH017J-561M F R 560 Ω 1W J *  K3301-04 CE41492-001Z CHOKE COIL	OTHERS	3					
K3301-04 CE41492-001Z CHOKE COIL			FR	560 O	1 1.1	1	*
				500 32	T.M.	U	-
SELECTION OF THE SELECT							
							*

## AV-28WT2EK

### FRONT CONTROL PW BOARD ASS'Y (SJF-8002A-U2)

Local		on	Descripti	Part Name	Part No.	Symbol No.	⚠
*	K	1/2W	470 K V	C R	O R QRZ0111-474	RESIST R8905	Δ
* * * * * *	K M Z M K Z	50V 50V 25V 16V 50V 25V	2200 p F 10 µ F 0.1 µ F 100 µ F 4700 p F 0.1 µ F 0.47 µ FA	CHIP CAP. E CAP. CER.CAPM E CAP. CHIP CAP. C CAP. MF CAP.	T O R NCB21HK-222AY QETN1HM-106Z NCF21EZ-104AY QETN1CM-107Z NCB21HK-472AY QCZ0120-104MZ QFZ9040-474N	C A P A C I C8001-02 C8003 C8004 C8005 C8010-11 C8012	<u></u>
sje 19e 19e 19e			5.6 µ H 27 µ H	LEAD CORE PEAKING COIL PEAKING COIL LEAD CORE	CE41832-001 CELP017-5R6Y CELP017-270Y CE41832-001	C O I L L8001 L8002-03 L8010-11 L8012	
*				C.D.S. DIODE ARRAY L.E.D.(GRN) L.E.D. L.E.D.(DRG) ZENER DIODE L.E.D.(YLW) SI.DIODE	P1201 DAN202K-X SLR-342MG-T16 SPR-39MVWF SLR-342DU-T16 MA3068(M)-X SLR-342YY-T16 MA152WK-X	D I O D E D8007 D8008 D8009 D8010 D8012 D8013 D8014 D8015	
*				SI.TRANSISTOR DIGI.TRANSISTOR SI.TRANSISTOR	S T O R 2PC1815(YG)-T DTA144TSA-T 2PA1015(YG)-T	T R A N S I Q8001 Q8002-03 Q8005-07	
				IFR DETECT UNIT	GP1U281Q	I C IC8001	•
* * * *			3.15 A INSTALL V(DOWN) V(UP) MAIN POWE	L.E.D.HOLDER CDS HOLDER FFC CONNECTOR FUSE HEADPHONE JACK PIN JACK LINE FILTER PUSH SWITCH PUSH SWITCH PUSH SWITCH PUSH SWITCH	CM36548-001-E CM35921-A04-H CHC108N-25T-AE QMF5102-3R15J1 QMS3004-C01 CEMN087-001 CELF012-001J7 QSP1A11-C18Z QSP1A11-C18Z QSP1A11-C18Z	OTHERS  CN8001 F8901 J8001 J8002 LF8901 S8001 S8002 S8003 S8003	Δ

### DOLBY PW BOARD ASS'Y (SJF0D001A-U2)

riangle Symbol No.	Part No.	Part Name	Description			Local
САРАС						
C0101	QETN1CM-476Z	E CAP.	47 µ F	16V	М	*
C0102	NCT03CH-680AY	CHIP CAP.	68 p F	50V	J	*
C0103	QETN1CM-476Z	E CAP.	47 µ F	16V	М	*
C0104	NCB21HK-473AY	CHIP CAP.	0.047 μ F	50V	K	*

C A P A C I T O R C0105	∆ Symbol No	o. Part No.	Part Name	Descripti	on		Loca1
C0105 NCB21HK-223AV CHIP CAP. 1000 F 50V K C0107 OETNICM-476Z E CAP. 47 µF 16V M C0108 NCB21HK-473AV CHIP CAP. 0.047 µF 16V M C0109 OETNICM-476Z E CAP. 47 µF 16V M C0109 OETNICM-476Z E CAP. 47 µF 16V M C0109 OETNICM-476Z E CAP. 47 µF 16V M C01019 OETNICM-476Z E CAP. 47 µF 16V M C01012-13 OETNICM-476Z E CAP. 47 µF 16V M C01012-13 OETNICM-476Z E CAP. 47 µF 16V M C01012-13 OETNICM-476Z E CAP. 47 µF 16V M C01112-13 OETNICM-476Z E CAP. 47 µF 16V M C01112-13 OETNICM-476Z E CAP. 47 µF 16V M C01116-25 MCB21HK-102AY CHIP CAP. 1000 pF 50V K C0126 OETNICM-476Z E CAP. 47 µF 16V M C0126 MCB21HK-102AY CHIP CAP. 1000 pF 50V K C0126 OETNICM-476Z E CAP. 47 µF 16V M C0127 MC103CH-220AV CHIP CAP. 1000 pF 50V M C0128 MC103CH-8802 E CAP. 47 µF 16V M C0129 MC103CH-8802 E CAP. 47 µF 16V M C0130 MCB21HK-102AY CHIP CAP. 1000 pF 50V M C0130 MCB21HK-102AY CHIP CAP. 1000 pF 50V M C0133 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0133 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0133 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0136 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0136 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0134 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0134 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0134 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0134 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21CZ-105AY CER.CAPM 1 µF 16V Z C0134 MC21K-102AY CHIP CAP. 1000 pF 50V M C0136 MC21K-10		C I T O D					
C01106 NGB21HK-102AY CHIP CAP. 1000 p F 50V K C01107 0ETNICH-476Z E CAP. 47 µF 16V M C01108 NGB21HK-473AY CHIP CAP. 0.047 µF 50V K C0110 NCT03CH-680AY CHIP CAP. 68 p F 60V J C0111 NCB21HK-473AY CHIP CAP. 68 p F 60V J C0111 NCB21HK-473AY CHIP CAP. 68 p F 60V J C0111 NCB21HK-473AY CHIP CAP. 68 p F 60V J C0112-13 0ETNICM-476Z E CAP. 47 µF 16V M C0112-15 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0112-15 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0112-15 NCB21HK-102AY CHIP CAP. 1000 p F 50V J C0128 NCT03CH-680AY CHIP CAP. 68 p F 50V J C0129 0ETNICM-476Z E CAP. 10 µF 50V M C0129 NCT03CH-680AY CHIP CAP. 1000 p F 50V K C0130 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0131 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0131 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0131 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0133 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0133 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0133-8 NCF21CZ-105AY CHIP CAP. 1000 p F 50V K C0133-8 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0133-8 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137-38 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137-38 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137-38 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137-38 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137-38 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 1000 p F 50V K C0140 NCB21HK-103AY CHIP CAP. 10			CUID CAD				
C0107							
C0108 NGB21HK-473AV CHIP CAP. 0.047 µF 56V K C0110 NCT03CH-680AV CHIP CAP. 68 p F 50V J C0111 NCB21HK-473AV CHIP CAP. 68 p F 50V J C0112-13 QETNICM-476Z E CAP. 47 µF 16V M C0112-13 QETNICM-476Z E CAP. 47 µF 16V M C0115-13 QETNICM-476Z E CAP. 47 µF 16V M C0115-13 QETNICM-476Z E CAP. 47 µF 16V M C0116-15 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0126 QETNICM-476Z E CAP. 47 µF 16V M C0127 NCT03CH-80AY CHIP CAP. 1000 p F 50V K C0128 QETNICM-476Z E CAP. 47 µF 16V M C0129 QETNIHM-106Z E CAP. 10 µF 50V M C0129 QETNIHM-106Z E CAP. 10 µF 50V M C0130 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0131 NCF21CZ-105AY CER.CAP.—11 µF 16V Z C0132 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0133 NCF21CZ-105AY CER.CAP.—11 µF 16V Z C0134 QETNIHM-106Z E CAP. 10 µF 50V M C0135 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0136 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0137 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0138 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V M C0140 NCF21CZ-106AY CER.CAP.—10 µF 50V M C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0144 OETNIHM-106Z E CAP. 10 µF 50V M C0145 QETNIHM-106Z E CAP. 10 µF 50V K C0146 NCB21ET-106AY CER.CAP.—10 µF 50V K C0147 QETNIHM-106Z E CAP. 10 µF 50V K C0148 NCF21CZ-106AY CER.CAP.—10 µF 50V K C0149 QETNIHM-106Z E CAP. 10 µF 50V K C0140 NCB21HK-12AY CHIP CAP. 10 00 p F 50V K C0141 QETNIHM-106Z E CAP. 10 µF 50V K C0141 QETNIH							
C0119		•					
C0110 NCT03CH-680AY CHIP CAP. 0.047 µF 50V K C0112-13 QETN1CM-476Z E CAP. 47 µF 16V M C0116-25 NCB21HK-473AY CHIP CAP. 0.047 µF 50V K C0116-25 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0116-25 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0126 QETN1CM-476Z E CAP. 47 µF 16V M C0126 QETN1CM-476Z E CAP. 47 µF 16V M C0127 NCT03CH-680AY CHIP CAP. 22 pF 50V J C0128 NCT03CH-680AY CHIP CAP. 68 pF 50V J C0128 NCT03CH-680AY CHIP CAP. 1000 pF 50V K C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0131 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0133 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0134 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0136 NCB21HK-102AY CHIP CAP. 100 pF 50V K C0136 NCB21HK-102AY CHIP CAP. 100 pF 50V K C0139 NCB21HK-102AY CHIP CAP. 100 pF 50V K C0139 NCB21HK-102AY CHIP CAP. 100 pF 50V K C0139 NCB21HK-102AY CHIP CAP. 100 pF 50V K C0142 QETN1HM-106Z E CAP. 10 µF 50V M C0144 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0144 NCF21CZ-105AY CER.CAPM 1 µF 16V M C0144							
C0111 NCB21HK-473AY CHIP CAP. 47 µF 50V K  C0116-25 NCB21HK-102AY CHIP CAP. 0.047 µF 50V K  C0116-25 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0126 QEINICM-476Z E CAP. 47 µF 18V M  C0127 NCT03CH-220AY CHIP CAP. 22 pF 50V J  C0128 NCT03CH-880AY CHIP CAP. 88 pF 50V J  C0129 QEINIHM-106Z E CAP. 100 pF 50V K  C0130 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0131 NCF21CZ-105AY CHIP CAP. 100 pF 50V K  C0131 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0132 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0133 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0134 QEINIHM-106Z E CAP. 100 pF 50V K  C0135 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0136 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0137 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0138 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0139 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C01318 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C01319 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0139 NCB21HK-102AY CHIP CAP. 100 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 100 pF 50V M  C0142 QEINIHM-106Z E CAP  C0144 ORD CONTROL				4/µr			
C0115 NGB21HK-473AY CHIP CAP. 0.047 µF 16V M  C0116-25 NGB21HK-473AY CHIP CAP. 1000 pF 50V K  C0126 OEFNICM-476Z E CAP. 47 µF 16V M  C0127 NCT03CH-880AY CHIP CAP. 1000 pF 50V J  C0128 NCT03CH-880AY CHIP CAP. 88 pF 50V J  C0129 OEFNIHM-1062 E CAP. 10 µF 50V M  C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C01310 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0131 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0132 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0133 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0134 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0135 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0136 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0137 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0138 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0139 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0131 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0134 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0140 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 1µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 0.1µF 26V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0140 NCF21CZ-105AY CER.CAPM 0.1µF 26V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K  C0144 NCF21CZ-105AY CER.CAPM 0.1µF 26V Z  C0201 NCB21HK-103AY CHIP CAP. 1000 pF 50V K  C0202 NCB21HK-223AY CHIP CAP. 1000 pF 50V K  C0203 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0204 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0205 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0206 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0207 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0208 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0209 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0201 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0201 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K  C0201							
C0116 NCB21HK-473AY CHIP CAP. 0.047 µF 50V K C0116-25 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0126 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0126 NCB21HK-102AY CHIP CAP. 22 pF 50V J C0128 NCT03CH-80AY CHIP CAP. 88 pF 50V J C0129 QETNIHM-106Z E CAP. 10 µF 50V M C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0131 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0131 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0133 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0133 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0133 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0133 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0133 NCF21CZ-105AY CHIP CAP. 1000 pF 50V M C0133 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0137-38 QETNIHM-106Z E CAP. 10 µF 50V M C0139 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0137-38 QETNIHM-106Z E CAP. 10 µF 50V M C0140 NCF21CZ-105AY CER.CAP.—M 1 µF 16V Z C0144 NCF21CZ-105AY CER.CAP.—M 1 µF 50V M C0140 QETNIHM-106Z E CAP. 10 µF 50V M C0140 NCF21CZ-105AY CER.CAP.—M 1 µF 50V M C0140 NCF21CZ-105AY CER.CAP.—M 1 µF 50V M C0144 NCF21CZ-105AY CER.CAP.—M 1 µF 50V M C0146 NCF21CZ-105AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K N C0208 NCB21HK-103AY CHIP CAP. 100 µF							*
C0116-25 NC821HK-102AY CHIP CAP. 1000 p F 50V K	00445	11000011111 170011		-		.,	
C0126			CHIP CAP.				*
C0127 NCT03CH-220AY CHIP CAP. 22 PF 50V J C0128 NCT03CH-880AY CHIP CAP. 68 PF 50V J C0129 QETN1HM-106Z E CAP. 10 FF 50V M C0130 NCB21HK-102AY CHIP CAP. 1000 PF 50V K C0131 NCF21CZ-105AY CER.CAP.— 1000 PF 50V K C0131 NCF21CZ-105AY CER.CAP.— 1000 PF 50V K C0132 NCB21HK-102AY CHIP CAP. 1000 PF 50V K C0133 NCF21CZ-105AY CER.CAP.— 10 PF 50V M C0134 QETN1HM-106Z E CAP. 10 PF 50V M C0135 NCB21HK-102AY CHIP CAP. 1000 PF 50V K C0136 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0136 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0136 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0137-38 QETN1HM-106Z E CAP.— 10 PF 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 PF 50V M C0140 NCF21CZ-105AY CER.CAP.— 10 PF 50V M C0140 NCF21CZ-105AY CER.CAP.— 10 PF 50V M C0144 NCB21K-102AY CHIP CAP. 1000 PF 50V K C0144 NCB21K-102AY CHIP CAP. 1000 PF 50V M C0144 QETN1HM-106Z E CAP. 10 PF 50V M C0144 QETN1CM-476Z E CAP. 10 PF 50V M C0144 NCF21CZ-105AY CER.CAP.— 10 PF 50V M C0144 NCF21CZ-104AY CER.CAP.— 10 PF 50V M C0144 NCF21CZ-104AY CER.CAP.— 10 PF 50V M C0144 NCF21CZ-105AY CHIP CAP. 1000 PF 50V K C0203 NCB21HK-103AY CHIP CAP. 0.01 PF 50V K C0204 NCB21HK-103AY CHIP CAP. 0.01 PF 50V K C0205 NCB21HK-103AY CHIP CAP. 0.01 PF 50V K C0206 NCB21HK-103AY CHIP CAP. 0.01 PF 50V K C0206 NCB21HK-103AY CHIP CAP. 1800 PF 50V K C0206 NCB21HK-103AY CHIP CAP. 100 PF 50V K C0206 NCB21HK-103AY CHIP CAP. 100 PF 50V							*
C0128 NCT03CH-680AY CHIP CAP. 68 F F S0V J C0129 QETN1HM-106Z E CAP. 10 µ F S0V M C0130 NCB21HK-102AY CHIP CAP. 10 µ F S0V K C0131 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0131 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0133 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0133 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0134 QETN1HM-106Z E CAP. 10 µ F S0V M C0135 NCB21HK-102AY CHIP CAP. 1000 p F S0V K C0135 NCB21HK-102AY CHIP CAP. 1000 p F S0V K C0136 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0137-38 QETN1HM-106Z E CAP. 10 µ F S0V M C0139 NCB21HK-102AY CHIP CAP. 1000 p F S0V K C0140 NCF21CZ-105AY CER.CAP.—M 1 µ F 16V Z C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C0140 NCF21CZ-105AY CER.CAP.—M 1 µ F 50V M C0140 NCF21CZ-105AY CER.CAP.—M 1 µ F 50V M C0140 NCF21CZ-104AY CER.CAP.—M 0.1 µ F 50V M C0140 NCF21CZ-104AY CER.CAP.—M 0.1 µ F 50V M C0140 NCF21CZ-104AY CER.CAP.—M 0.1 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0200 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY CHIP CAP. 0.022 µ F 50V K C0201 NCB21HK-103AY C				47 µ F			
C0129 QETN1HM-106Z E CAP. 10 µF 50V M C0130 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0131 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0132 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0133 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0134 NCB21HK-102AY CHIP CAP. 1000 pF 50V M C0135 NCB21HK-102AY CHIP CAP. 1000 pF 50V M C0136 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0137-38 QETN1HM-106Z E CAP. 10 µF 50V M C0137-38 QETN1HM-106Z E CAP. 10 µF 50V M C0139 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0140 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K C0142 QETN1HM-106Z E CAP. 10 µF 50V M C0143 QETN1CM-476Z E CAP. 10 µF 50V M C0144 QETN1HM-106Z E CAP. 10 µF 50V M C0143 QETN1CM-476Z E CAP. 47 µF 16V Z C0144 NCF21CZ-105AY CER.CAPM 10 µF 50V M C0146 NCF21CZ-105AY CER.CAPM 0.1 µF 50V M C0147 QETN1HM-106Z E CAP. 10 µF 50V M C0148 NCF21CZ-105AY CER.CAPM 0.1 µF 50V M C0149 NCF21CZ-105AY CER.CAPM 0.1 µF 50V M C0140 NCF21CZ-105AY CER.CAPM 0.1 µF 50V M C0141 NCB21HK-103AY CHIP CAP. 100 µF 16V M C0147 QETN1CM-107Z E CAP. 100 µF 16V M C0148 NCF21CZ-105AY CER.CAPM 0.1 µF 50V K C0201 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K C0202 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K C0203 NCB21HK-103AY CHIP CAP. 1800 µF 50V K C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0205 NCB21HK-103AY CHIP CAP. 1800 µF 50V K C0206 NCB21HK-103AY CHIP CAP. 1800 µF 50V K C0207 NCB21HK-103AY CHIP CAP. 1800 µF 50V K C0208 NCB21HK-103AY CHIP CAP. 100 µF 16V M C0209 QETN1CM-107Z E CAP. 110 µF 50V K C0201 NCB21HK-103AY CHIP CAP. 100 µF 16V M C0202 NCB21HK-103AY CHIP CAP. 100 µF 16V M C0203 NCB21HK-103AY CHIP CAP. 100 µF 16V M C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z C0205 NCB21HK-103AY CHIP CAP. 100 µF 50V K C0206 NCB21HK-103AY CHIP CAP. 100 µF 50V K C0207 NCB21HK-103AY CHIP CAP. 100 µF 50V K C0208 NCB21HK-103AY CHIP CAP. 100 µF 50V K C0209 QETN1CM-107Z E CAP. 100 µF 50V K C0201 NCB21							
C0130 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C1031 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z C1033 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z C1033 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z C1033 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z C1034 QETMIHM-106Z ECAP. 100 µ F 50V M C1035 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C1035 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C1037-38 QETMIHM-106Z CER.CAPM 1 µ F 16V Z C1037-38 QETMIHM-106Z CER.CAPM 1 µ F 16V Z C1037-38 QETMIHM-106Z CER.CAPM 1 µ F 16V Z C1039 NCB21HK-102AY CHIP CAP. 1000 p F 50V K C1040 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z C1042 QETMIHM-106Z ECAP. 10 µ F 50V M C1043 QETMIHM-106Z ECAP. 10 µ F 50V M C1043 QETMIHM-106Z ECAP. 10 µ F 50V M C1044 QETMIHM-106Z ECAP. 10 µ F 50V M C1044 NCF21CZ-104AY CER.CAPM 0.1 µ F 50V M C1046 NCF21EZ-104AY CER.CAPM 0.1 µ F 50V M C1048 NCF21EZ-104AY CER.CAPM 0.1 µ F 50V M C1048 NCF21EZ-104AY CER.CAPM 0.1 µ F 50V K C1048 NCF21EZ-104AY CER.CAPM 0.1 µ F 50V K C1048 NCF21EZ-105AY CHIP CAP. 0.01 µ F 50V K C1020 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C1020 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C1020 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP CAP. 1800 p F 50V K C1020 NCB21HK-103AY CHIP C							*
C0131 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0132 NCB21HK-102AY CHIP CAP. 1000 p F 50V K  C0133 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0134 QETMIHM-1062 E CAP. 100 p F 50V K  C0135 NCB21HK-102AY CHIP CAP. 1000 p F 50V K  C0136 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0137-38 QETMIHM-1067 E CAP. 10 µF 50V M  C0139 NCB21HK-102AY CHIP CAP. 1000 p F 50V K  C0140 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K  C0140 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0141 NCB21HK-102AY CHIP CAP. 1000 p F 50V K  C0142 QETMIHM-106Z E CAP. 10 µF 50V M  C0143 QETMICM-476Z E CAP. 10 µF 50V M  C0144-45 QETMIHM-106Z E CAP. 10 µF 50V M  C0146 NCF21CZ-105AY CER.CAPM 10 µF 50V M  C0147 QETMICM-107Z E CAP. 10 µF 50V M  C0148 NCF21EZ-104AY CER.CAPM 10 µF 50V M  C0148 NCF21EZ-104AY CER.CAPM 10 µF 50V M  C0149 NCB21HK-103AY CHIP CAP. 100 µF 16V M  C0201 NCB21HK-103AY CHIP CAP. 0.10 µF 50V K  C0202 NCB21HK-223AY CHIP CAP. 0.10 µF 50V K  C0203 NCB21HK-103AY CHIP CAP. 0.10 µF 50V K  C0204 NCF21CZ-105AY CER.CAPM 0.1 µF 26V Z  C0205 NCB21HK-223AY CHIP CAP. 0.01 µF 50V K  C0206 NCB21HK-223AY CHIP CAP. 0.02 µF 50V K  C0207 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0208 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0209 QETNICM-107Z E CAP. 100 µF 50V K  C0201 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0202 NCB21HK-223AY CHIP CAP. 1800 p F 50V K  C0203 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0207 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0208 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0209 QETNICM-107Z E CAP. 100 µF 50V K  C0211 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K  C0212 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0213 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K  C0214 NCB21HK-223AY CHIP CAP. 0.01 µF 50V K  C0215 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0216 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0217 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K  C0218 NCF21CZ-105AY CER.CAPM 1 µF 16V Z  C0219 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0210 NCB21HK-103AY CHIP CAP. 1800 p F 50V K  C0211 NCB21HK-103AY C		_					*
C0132   NCB21HK-102AY   CHIP CAP.   1000 p F   50V K   C0133   NCF21CZ-105AY   CER.CAPM   1 μ F   16V Z   CO134   QETM1HM-1062   E CAP.   100 μ F   50V M   C0136   NCB21HK-102AY   CHIP CAP.   1000 p F   50V K   C0136   NCB21HK-102AY   CHIP CAP.   1000 p F   50V K   C0137-38   QETM1HM-1062   E CAP.   10 μ F   50V M   C0137-38   QETM1HM-1062   CAP.   1000 p F   50V K   C0139   NCB21HK-102AY   CHIP CAP.   1000 p F   50V K   C0140   NCF21CZ-105AY   CER.CAPM   1 μ F   16V Z   C0140   NCF21CZ-105AY   CER.CAPM   1 μ F   16V Z   C0140   QETM1HM-106Z   E CAP.   1000 p F   50V K   C0140   QETM1HM-106Z   E CAP.   1000 p F   50V K   C0144   QETM1HM-106Z   E CAP.   10 μ F   50V M   C0144   QETM1HM-106Z   E CAP.   10 μ F   50V M   C0146   NCF21EZ-104AY   CER.CAPM   0.1 μ F   50V M   C0146   NCF21EZ-104AY   CER.CAPM   0.1 μ F   50V M   C0148   NCF21EZ-104AY   CER.CAPM   0.1 μ F   50V K   C0201   NCB21HK-102AY   CHIP CAP.   0.00 μ F   50V K   C0201   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0201   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0202   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0203   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0204   NCB21HK-102AY   CHIP CAP.   0.02 μ F   50V K   C0205   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0206   NCB21HK-102AY   CHIP CAP.   0.02 μ F   50V K   C0206   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0207   NCB21HK-102AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.01 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.02 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.02 μ F   50V K   C0208   NCF21CZ-105AY   CHIP CAP.   0.02 μ F							*
CO133	00101	NCI ZICZ TOSKI	CER.CAFM	ıμr	164	2	•
C0134   QETNIHM-106Z   E CAP.   10 μ F 50V K   C0135   NGB21HK-102AY   CHIP CAP.   1000 μ F 50V K   C0137-38   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0137-38   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0139   NGB21HK-102AY   CHIP CAP.   1000 μ F 50V M   C0140   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0140   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0140   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0141   NCB21HK-102AY   CHIP CAP.   1000 μ F 50V M   C0142   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0144   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0144   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0144   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0144   QETNIHM-106Z   E CAP.   10 μ F 50V M   C0144   NCF21EZ-104AY   CER.CAPM   0.1 μ F 50V M   C0146   NCF21EZ-104AY   CER.CAPM   0.1 μ F 50V M   C0146   NCF21EZ-104AY   CER.CAPM   0.1 μ F 50V M   C0148   NCF21EZ-104AY   CER.CAPM   0.1 μ F 50V K   C0201   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   C0201   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   C0203   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0204   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0205   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   C0206   NCB21HK-123AY   CHIP CAP.   0.01 μ F 50V K   C0206   NCB21HK-182AY   CHIP CAP.   0.01 μ F 50V K   C0206   NCB21HK-182AY   CHIP CAP.   0.01 μ F 50V K   C0206   NCB21HK-182AY   CHIP CAP.   0.01 μ F 50V K   C0207   NCB21HK-182AY   CHIP CAP.   0.01 μ F 50V K   C0208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0209   QETNICM-107Z   E CAP.   1800 μ F 50V K   C0208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   C0209   QETNICM-107Z   E CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   1800 μ F 50V K   C0201   NCB21HK-182AY   CHIP CAP.   18				1000 p F	50V	K	*
C0135		NCF21CZ-105AY	CER.CAPM	1 μ F	16V	Z	*
CO136		-		10 μ F	50V	М	*
C0137-38 QETMIMM-106Z ECAP. 10 µF 50V M ** C0139 NCB21HK-102AY CHP CAP. 1000 pF 50V K ** C0140 NCF21CZ-105AY CER.CAPM 1 µF 16V Z **  C0141 NCB21HK-102AY CHIP CAP. 1000 pF 50V K ** C0142 QETMIHM-106Z E CAP. 10 µF 50V M ** C0143 QETMICM-476Z E CAP. 10 µF 50V M ** C0144 QETMIHM-106Z E CAP. 10 µF 50V M ** C0144-45 QETMIHM-106Z E CAP. 10 µF 50V M ** C0146 NCF21EZ-104AY CER.CAPM 0.1 µF 25V Z ** C0147 QETMICM-107Z E CAP. 10 µF 50V M ** C0148 NCF21EZ-104AY CER.CAPM 0.1 µF 25V Z ** C0201 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K ** C0202 NCB21HK-223AY CHIP CAP. 0.01 µF 50V K ** C0203 NCB21HK-182AY CHIP CAP. 1800 pF 50V K ** C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z ** C0205 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K ** C0206 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K ** C0207 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K ** C0208 NCB21HK-182AY CHIP CAP. 0.01 µF 50V K ** C0209 NCB21HK-182AY CHIP CAP. 0.01 µF 50V K ** C0201 NCB21HK-182AY CHIP CAP. 0.01 µF 50V K ** C0202 NCB21HK-182AY CHIP CAP. 0.01 µF 50V K ** C0206 NCB21HK-182AY CHIP CAP. 0.02 µF 50V K ** C0207 NCB21HK-182AY CHIP CAP. 0.02 µF 50V K ** C0208 NCF21CZ-105AY CER.CAPM 1 µF 16V Z ** C0209 QETNICM-107Z E CAP. 1800 pF 50V K ** C0201 NCB21HK-182AY CHIP CAP. 0.02 µF 50V K ** C0202 NCB21HK-183AY CHIP CAP. 1800 pF 50V K ** C0211 NCB21HK-183AY CHIP CAP. 1800 pF 50V K ** C0212 NCF21CZ-105AY CER.CAPM 1 µF 16V Z ** C0211 NCB21HK-182AY CHIP CAP. 1800 pF 50V K ** C0212 NCF21CZ-105AY CER.CAPM 1 µF 16V Z ** C0213 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K ** C0214 NCB21HK-223AY CHIP CAP. 1800 pF 50V K ** C0215 NCB21HK-182AY CHIP CAP. 0.02 µF 50V K ** C0216 NCB21HK-223AY CHIP CAP. 0.02 µF 50V K ** C0217 NCB21HK-223AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-223AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21 NCB21HK-22AY CHIP CAP. 0.02 µF 50V K ** C0218-21				1000 p F	50V	K	*
CO139   NCB21HK-102AY   CHIP CAP.   1000 p F 50V K   * CO140   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO141   NCB21HK-102AY   CHIP CAP.   1000 p F 50V K   * CO142   QETM1HM-106Z   E CAP.   10 μ F 50V M   * CO142   QETM1HM-106Z   E CAP.   10 μ F 50V M   * CO143   QETM1CM-476Z   E CAP.   10 μ F 50V M   * CO144   QETM1HM-106Z   E CAP.   10 μ F 50V M   * CO144   QETM1CM-476Z   E CAP.   10 μ F 50V M   * CO144   QETM1CM-106Z   E CAP.   10 μ F 50V M   * CO146   NCF21EZ-104AY   CER.CAPM   0.1 μ F 25V Z   * CO147   QETM1CM-107Z   E CAP.   100 μ F 16V M   * CO148   NCF21EZ-104AY   CER.CAPM   0.1 μ F 25V Z   * CO201   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   * CO202   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   * CO203   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   * CO204   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO205   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   * CO206   NCB21HK-223AY   CHIP CAP.   0.01 μ F 50V K   * CO206   NCB21HK-103AY   CHIP CAP.   0.02 μ F 50V K   * CO206   NCB21HK-103AY   CHIP CAP.   0.02 μ F 50V K   * CO207   NCB21HK-123AY   CHIP CAP.   0.02 μ F 50V K   * CO208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO208   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO201   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   * CO202   NCF21CZ-105AY   CER.CA				1μF	16V	Z	*
C0140   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   **   C0141   NCB21HK-102AY   CHIP CAP.   1000 p F 50V K   **   C0142   QETM1HM-106Z   E CAP.   10 μ F 50V M   **   C0143   QETM1HM-106Z   E CAP.   47 μ F 16V M   **   C0144   OETM1HM-106Z   E CAP.   47 μ F 16V M   **   C0146   NCF21EZ-104AY   CER.CAPM   0.1 μ F 25V Z   **   C0147   QETM1HM-107Z   E CAP.   100 μ F 16V M   **   C0148   NCF21EZ-104AY   CER.CAPM   0.1 μ F 25V Z   **   C0201   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   **   C0202   NCB21HK-223AY   CHIP CAP.   0.01 μ F 50V K   **   C0203   NCB21HK-182AY   CHIP CAP.   0.022 μ F 50V K   **   C0204   NCF21CZ-105AY   CER.CAPM   1 μ F 16V Z   **   C0205   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   **   C0206   NCB21HK-103AY   CHIP CAP.   0.022 μ F 50V K   **   C0207   NCB21HK-103AY   CHIP CAP.   0.022 μ F 50V K   **   C0208   NCB21HK-223AY   CHIP CAP.   0.022 μ F 50V K   **   C0209   NCB21HK-103AY   CHIP CAP.   0.022 μ F 50V K   **   C0209   NCB21HK-103AY   CHIP CAP.   0.022 μ F 50V K   **   C0209   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   **   C0209   QETN1CM-107Z   E CAP.   100 μ F 16V M   **   C0210   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   **   C0211   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   **   C0212   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   **   C0213   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   **   C0214   NCB21HK-223AY   CHIP CAP.   0.01 μ F 50V K   **   C0215   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0216   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0217   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0218   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0216   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0217   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0218   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0216   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0217   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0218   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   **   C0218   NCB21CC-105AY   CER.C		=			50V	M	*
C0141   NCB21HK-102AY   CHIP CAP.   1000 p F 50V K   C0142   QETN1HM-106Z   E CAP.   10 μ F 50V M   C0144-45   QETN1HM-106Z   E CAP.   10 μ F 50V M   C0144-45   QETN1HM-106Z   E CAP.   10 μ F 50V M   C0144-45   QETN1HM-106Z   E CAP.   10 μ F 50V M   C0146   NCF21EZ-104AY   CER.CAP.   10 μ F 55V Z   C0146   NCF21EZ-104AY   CER.CAP.   10 μ F 16V M   C0148   NCF21EZ-104AY   CER.CAP.   10 μ F 16V M   C0148   NCF21EZ-104AY   CER.CAP.   0.1 μ F 25V Z   C0201   NCB21HK-103AY   CHIP CAP.   0.01 μ F 50V K   C0202   NCB21HK-182AY   CHIP CAP.   0.01 μ F 50V K   C0203   NCB21HK-182AY   CHIP CAP.   1800 p F 50V K   C0204   NCB21HK-182AY   CHIP CAP.   1800 p F 50V K   C0205   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   C0206   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   C0206   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   C0207   NCB21HK-123AY   CHIP CAP.   0.022 μ F 50V K   C0208   NCF21CZ-105AY   CER.CAP.   1 μ F 16V Z   C0209   QETN1CM-107Z   E CAP.   1800 p F 50V K   C0209   QETN1CM-107Z   E CAP.   100 μ F 16V M   C0211   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0209   QETN1CM-107Z   E CAP.   100 μ F 16V M   C0211   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0212   NCF21CZ-105AY   CER.CAP.   1 μ F 16V Z   C0213   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0213   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0213   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0214   NCB21HK-103AY   CHIP CAP.   1800 p F 50V K   C0215   NCB21HK-182AY   CHIP CAP.   0.012 μ F 50V K   C0216   NCF21CZ-105AY   CER.CAP.   1 μ F 16V Z   C0217   NCB21HK-182AY   CHIP CAP.   0.022 μ F 50V K   C0216   NCF21CZ-105AY   CER.CAP.   1800 p F 50V K   C0216   NCF21CZ-105AY   CER.CA				1000 p F	50V	K	*
CO142   QETN1HM-1067   E CAP.   10 μ F 50 V M	C0140	NCF21CZ-105AY	CER.CAPM	1μF	16V	Z	*
CO142   QETN1HM-1067   E CAP.   10 μ F 50V M	C0141	NCB21HK-102AY	CHIP CAP	1000 p F	501/	V	*
C0143							
C0144-45 QETNIHM-106Z E CAP 10 µ F 50V M		=					
C0146 NCF21EZ-104AY CER.CAPM 0.1 µF 25V Z * C0147 QETNICM-107Z E CAP. 100 µF 16V M * C0148 NCF21EZ-104AY CER.CAPM 0.1 µF 25V Z * C0201 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K *  C0202 NCB21HK-223AY CHIP CAP. 1800 pF 50V K * C0203 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0205 NCB21HK-223AY CHIP CAP. 0.012 µF 50V K * C0206 NCB21HK-223AY CHIP CAP. 0.01 µF 50V K * C0207 NCB21HK-182AY CHIP CAP. 0.01 µF 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0209 QETNICM-107Z E CAP. 1800 pF 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0209 QETNICM-107Z E CAP. 100 µF 16V M *  C0210 NCB21HK-103AY CHIP CAP. 100 µF 16V M *  C0211 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0213 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0214 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K * C0216 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K * C0217 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K * C0218 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K * C0214 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0215 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP		-					
C0147 QETN1CM-107Z E CAP. 100 µF 16V M * C0148 NCF21EZ-104AY CER.CAPM 0.1 µF 25V Z * C0201 NCB21HK-103AY CHIP CAP. 0.01 µF 50V K *  C0202 NCB21HK-182AY CHIP CAP. 0.022 µF 50V K * C0203 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0204 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0205 NCB21HK-103AY CHIP CAP. 0.022 µF 50V K * C0206 NCB21HK-23AY CHIP CAP. 0.01 µF 50V K * C0207 NCB21HK-23AY CHIP CAP. 0.01 µF 50V K * C0207 NCB21HK-182AY CHIP CAP. 0.022 µF 50V K * C0207 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0209 QETN1CM-107Z E CAP. 1800 pF 50V K * C0209 QETN1CM-107Z E CAP. 1800 pF 50V K * C0210 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0211 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0213 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0214 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0215 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.01 µF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µF 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µF 50V K * C0210-1010 MA3062 N ZENER DIODE  D1 O D E D1010 MA3062 N ZENER DIODE  D1 O D E D1011 MA3062 N ZENER DIODE D102 IMS57052BFT I.C. (M) C0103 LC32464M-80X I.C. (DERAM) IC0104-05 PCM1717E-X I.C. (MONO-ANA) IC0111 BA4568F-X I.C. (MONO-ANA)				•			
C0148 NCF21EZ-104AY CER.CAPM 0.1 μ F 25V Z * C0201 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K *  C0202 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0203 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0204 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0205 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0206 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0207 NCB21HK-182AY CHIP CAP. 0.022 μ F 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0209 QETN1CM-107Z E CAP. 1800 p F 50V K * C0209 QETN1CM-107Z E CAP. 100 μ F 16V M *  C0210 NCB21HK-103AY CHIP CAP. 100 μ F 16V M *  C0211 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0214 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0214 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.022 μ F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 1900 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C0218-21 NCB21HK-103AY CHIP CAP. 47 p F 50V J *  C0218-21 NCB21HK-103AY CHIP CAP. 50 p F 50V J *  C02							
CO201 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K *  CO202 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO203 NCB21HK-182AY CHIP CAP. 1800 p F 50V K *  CO204 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z *  CO205 NCB21HK-103AY CHIP CAP. 0.022 μ F 50V K *  CO206 NCB21HK-223AY CHIP CAP. 0.01 μ F 50V K *  CO207 NCB21HK-182AY CHIP CAP. 1800 p F 50V K *  CO208 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z *  CO209 QETN1CM-107Z ECAPM 1 μ F 16V Z *  CO209 QETN1CM-107Z ECAPM 1 μ F 16V Z *  CO210 NCB21HK-103AY CHIP CAP. 100 μ F 16V M *  CO211 NCB21HK-103AY CHIP CAP. 100 μ F 16V M *  CO212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z *  CO213 NCB21HK-103AY CHIP CAP. 1800 p F 50V K *  CO214 NCB21HK-103AY CHIP CAP. 1800 p F 50V K *  CO215 NCB21HK-223AY CHIP CAP. 0.01 μ F 50V K *  CO216 NCB21HK-223AY CHIP CAP. 0.01 μ F 50V K *  CO217 NCB21HK-182AY CHIP CAP. 0.02 μ F 50V K *  CO216 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO216 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1900 p F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 1900 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1900 p F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO2100101 SAA7367T-X I.C.(DIGI-MOS) ICO102 TMS57052BFT I.C.(M) ICO103 LC32464M-80X I.C.(D-RAM) ICO104-05 P CM1717E-X I.C.(MONO-ANA) ICO104-05 P CM1717E-X I.C.(MONO-ANA) ICO111 BA4558F-X I.C.(MONO-ANA)	C0148			0 1 u F			*
C0203 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0204 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0205 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0206 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0207 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0209 QETN1CM-107Z E CAP. 100 µ F 16V M *  C0210 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0211 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0214 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.01 µ F 16V Z * C0216 NCB21HK-223AY CHIP CAP. 0.01 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L C10101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS570528FT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)	C0201						*
C0203 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0204 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0205 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0206 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0207 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0209 QETN1CM-107Z E CAP. 100 µ F 16V M *  C0210 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0211 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0214 NCB21HK-103AY CHIP CAP. 1800 p F 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.01 µ F 16V Z * C0216 NCB21HK-223AY CHIP CAP. 0.01 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L C10101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS570528FT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)	C0202	MCR21HV_222AV	CUID CAD	0 000 5	501		
CO204							*
CO205 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * CO206 NCB21HK-23AY CHIP CAP. 0.022 μ F 50V K * CO207 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO208 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO209 QETN1CM-107Z E CAP. 100 μ F 16V M *  CO210 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO211 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO211 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO213 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * CO214 NCB21HK-223AY CHIP CAP. 0.01 μ F 50V K * CO215 NCB21HK-182AY CHIP CAP. 0.022 μ F 50V K * CO216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO217 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * CO217 NCB21HK-223AY CHIP CAP. 1 μ F 16V Z * CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * CO218-21 NCT03CH-470AY CHIP CAP. 0.022 μ F 50V K * CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L L0101-03 CE40344-4R7YL INDUCTOR *  CO I L CO101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(MONO-ANA) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4658F-X I.C.(MONO-ANA)				•			-
C0206 NCB21HK-223AY CHIP CAP. 0.022 μF 50V K * C0207 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 μF 16V Z * C0209 QETN1CM-107Z E CAP. 100 μF 16V M *  C0210 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0211 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 μF 16V Z * C0213 NCB21HK-103AY CHIP CAP. 1800 pF 50V K * C0214 NCB21HK-103AY CHIP CAP. 0.01 μF 50V K * C0215 NCB21HK-103AY CHIP CAP. 0.01 μF 50V K * C0216 NCF21CZ-105AY CHIP CAP. 0.022 μF 50V K * C0217 NCB21HK-182AY CHIP CAP. 1800 pF 50V K * C0216 NCF21CZ-105AY CHIP CAP. 1800 pF 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 μF 50V K * C0216 NCF21CZ-105AY CHIP CAP. 1800 pF 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 μF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 μF 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 μF 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 pF 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  C O I L C10101 SAA7367T-X I.C.(M) C10102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(MONO-ANA) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4658F-X I.C.(MONO-ANA)							
C0207 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0208 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0209 QETN1CM-107Z E CAP. 100 µ F 16V M *  C0210 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0211 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0214 NCB21HK-223AY CHIP CAP. 0.01 µ F 50V K * C0215 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0216 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  C O I C C C C C C C C C C C C C C C C C							
CO208							
CO210 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K *  CO211 NCB21HK-182AY CHIP CAP. 1800 p F 50V K *  CO212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z *  CO213 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K *  CO214 NCB21HK-223AY CHIP CAP. 0.01 μ F 50V K *  CO215 NCB21HK-182AY CHIP CAP. 0.022 μ F 50V K *  CO216 NCB21HK-182AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 1800 p F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L  L0101-03 CE40344-4R7YL INDUCTOR *  DI O D E  D0101 MA3062-X ZENER DIODE  D0201 MA3062(M)-X ZENER DIODE  I C  IC0102 TMS57052BFT I.C.(M)  IC0103 LC32464M-80X I.C.(D-RAM)  IC0104-05 PCM1717E-X I.C.(MONO-ANA)  IC0111 BA4558F-X I.C.(MONO-ANA)				•			
C0210 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0211 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0214 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0215 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L L0101-03 CE40344-4R7YL INDUCTOR *  DI O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE T C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)							
CO211 NCB21HK-182AY CHIP CAP. 1800 p f 50V K * CO212 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO213 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * CO214 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * CO215 NCB21HK-182AY CHIP CAP. 0.022 μ F 50V K * CO216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * CO218-21 NCT03CH-470AY CHIP CAP. 0.022 μ F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 50V K *  CO219-20 μ	60240	NODALII 400AV	01177	•			
C0212 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0213 NCB21HK-103AY CHIP CAP. 0.01 µ F 50V K * C0214 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0215 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 µ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 µ F 50V K * C0218-21 NCT03CH-470AY CHIP CAP. 0.022 µ F 50V K *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4658F-X I.C.(MONO-ANA)							*
C0213 NCB21HK-103AY CHIP CAP. 0.01 μ F 50V K * C0214 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0215 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)				•			
C0214 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K * C0215 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * C0216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * C0217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  C0218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)		NCR21HK-103AV		1 µ f			
CO215 NCB21HK-182AY CHIP CAP. 1800 p F 50V K * CO216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C. (DIGI-MOS) IC0102 TMS57052BFT I.C. (M) IC0103 LC32464M-80X I.C. (D-RAM) IC0104-05 PCM1717E-X I.C. (MONO-ANA) IC0111 BA4558F-X I.C. (MONO-ANA)							
CO216 NCF21CZ-105AY CER.CAPM 1 μ F 16V Z * CO217 NCB21HK-223AY CHIP CAP. 0.022 μ F 50V K *  CO218-21 NCT03CH-470AY CHIP CAP. 47 p F 50V J *  CO I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)			CHIP CAP				
C0217 NCB21HK-223AY CHIP CAP. 0.022 µF 50V K *  C0218-21 NCT03CH-470AY CHIP CAP. 47 pF 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)		NCF21C7-105AY	CER CAD -M				
CO218-21 NCTO3CH-470AY CHIP CAP. 47 p F 50V J *  C O I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)		NCB21HK-223AY	CHIP CAP.				*
C O I L L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)				σ.σεε μ ι	301	N	
L0101-03 CE40344-4R7YL INDUCTOR *  D I O D E D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)	C0218-21	NCTO3CH-470AY	CHIP CAP.	47 p F	50V	J	*
D I O D E D0101	COIL						
D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)	L0101-03	CE40344-4R7YL	INDUCTOR				*
D0101 MA3062-X ZENER DIODE D0201 MA3062(M)-X ZENER DIODE  I C IC0101 SAA7367T-X I.C.(DIGI-MOS) IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)	DIODE						
DO201     MA3062(M)-X     ZENER DIODE       I C     IC0101     SAA7367T-X     I.C.(DIGI-MOS)       IC0102     TMS57052BFT     I.C.(M)       IC0103     LC32464M-80X     I.C.(D-RAM)       IC0104-05     PCM1717E-X     I.C.(MONO-ANA)       IC0111     BA4558F-X     I.C.(MONO-ANA)			ZENER DIODE				
ICO101 SAA7367T-X I.C.(DIGI-MOS) ICO102 TMS57052BFT I.C.(M) ICO103 LC32464M-80X I.C.(D-RAM) ICO104-05 PCM1717E-X I.C.(MONO-ANA) ICO111 BA4558F-X I.C.(MONO-ANA)							
ICO101 SAA7367T-X I.C.(DIGI-MOS) ICO102 TMS57052BFT I.C.(M) ICO103 LC32464M-80X I.C.(D-RAM) ICO104-05 PCM1717E-X I.C.(MONO-ANA) ICO111 BA4558F-X I.C.(MONO-ANA)	T. C.			······································			<del></del>
IC0102 TMS57052BFT I.C.(M) IC0103 LC32464M-80X I.C.(D-RAM) IC0104-05 PCM1717E-X I.C.(MONO-ANA) IC0111 BA4558F-X I.C.(MONO-ANA)		CAA7267T V	T C (DIA* ****)				
IC0103							
ICO104-05 PCM1717E-X I.C.(MONO-ANA) ICO111 BA4558F-X I.C.(MONO-ANA)							
ICO111 BA4558F-X I.C.(MONO-ANA)							
- 101 (Hotto /Htt)							
T.C. (MUNUTAINA)							
		J. 002 132 A	TICI (MONU-ANA)	· · · · · · · · · · · · · · · · · · ·	<del></del>		

Description	Part Name	Part No.	⚠ Symbol No.
		1	OTHERS
	20P DINM PLUG	CHB302W-20P-AE	CN0002
	EMI FILTER	CE42482-103Y	EF0101-05
	BEADS CORE	CE42681-001Y	K0101-02
	BEADS CORE	CE42681-001Y	K0104-07
	CRYSTAL	NAX0001-001X	X0101
	Description	20P DINM PLUG EMI FILTER BEADS CORE BEADS CORE	CHB302W-20P-AE 20P DINM PLUG CE42482-103Y EMI FILTER CE42681-001Y BEADS CORE CE42681-001Y BEADS CORE

## IF PW BOARD ASS'Y ( SJF0F901A-U2 )

Local		วก	Description	Part Name	No. Part No. Part Name	
						CAPACI
*	K	50V	4700 p F	CHIP CAP.	NCB21HK-472AY	C0030
*	Ĵ	50V	1000 p F	CHIP CAP.	NCT03CH-102AY	C0040
*	М	16V	47 µ F	E CAP.	QETN1CM-476Z	C0041
*	K	50V	0.01 u F	CHIP CAP.	NCB21HK-103AY	C0042
*	M	16V	47 µ F	E CAP.	QETN1CM-476Z	C0043
*	K	50V	0.01 µ F	CHIP CAP.	NCB21HK-103AY	C0044-45
*	M	16V	220 µ F	E CAP.	QETN1CM-227Z	C0047
*	M	50V	1 μ F	E CAP.	QETN1HM-106Z	C0050
*	K	50V	0.01 µ F	CHIP CAP.	NCB21HK-103AY	C0054
*	M	16V	47 μ F	E CAP.	QETN1CM-476Z	C0055
*	M	50V	0.47 μ F	E CAP.	OETN1HM-474Z	C0056
*	j	50V	1000 p F	CHIP CAP.	NCT03CH-102AY	C0057
	K	50V	4700 p F	CHIP CAP.	NCB21HK-472AY	C0058
*			4700 p F 0.47 μ F	E CAP.	QETN1HM-474Z	C0062
	М	50V	0.47 μ r	CHIP CAP.	NCB21HK-472AY	C0064
*	K M	50V 50V	4700 p F 1 μ F	E CAP.	QETN1HM-105Z	C0065
**	K	50V	0.01 µ F	CHIP CAP.	NCB21HK-103AY	C0069-70
	M	50V	33 µ F	E CAP.	OETN1HM-336Z	C0071
			33 μ r 4700 p F	CHIP CAP.	NCB21HK-472AY	C0080-81
-	K	50V		E CAP.	OETN1CM-476Z	C0101
-	M	16V	47 μ F	CHIP CAP.	NCT03CH-221AY	C0101
*	J	50V	220 p F	E CAP.	OETN1HM-335Z	C0140
T.	M	50V	3.3 µ F		NCB21HK-332AY	C0141
*	K	50V	3300 p F	CHIP CAP.	QETN1HM-105Z	C0141
*	М	50V	1 μ F	E CAP.	QCINIUM-1007	C0142
*	J	50V	0.068 μ F	MYLAR CAP.	QFLC1HJ-683MZ	C0143
*	M	50V	3.3 µ F	E CAP.	QETN1HM-335Z	C0144
*	K	50V	2200 p F	CHIP CAP.	NCB21HK-222AY	C0145
*				CW TRANSF	O R M E R CELT001-307	TRANSF
					0227001 007	
				AUT	CE 44404 ADAY	COIL
*				CHIP INDUCTOR	CE41131-2R2Y	L0030
*				INDUCTOR	CE41131-4R7Y	L0040
*				INDUCTOR	CE41131-5R6Y	L0070
*				CHIP INDUCTOR	CE41131-8R2Y	L0103-04
		,				TRANSI
*				SI.TRANSISTOR	2SC2712(YG)-X	Q0080
*				SI.TRANSISTOR	2SC2712(YG)-X	Q0101
*				SI.TRANSISTOR	2SA1162(YG)-X	Q0107
*				SI.TRANSISTOR	2SC2712(YG)-X	Q0109-10
						I C
				I.C(MONO-ANA)	TA8865BN	IC0010

Local	Description	Part Name	Part No.	riangle Symbol No.
			3	OTHERS
*		CERAMIC FILTER	TPSH6.0MB	CF0100
*		CER.RESONATOR	CSB503F30-T2	CF0140
*		20P DINM PLUG	CHB302W-20P-AE	CN0003
*		SAW FILTER	QAX0315-001	SF0010
*		SAW FILTER	CE41031-301	SF0012

# AV TERMINAL PW BOARD ASS'Y ( SJF0J001A-U2 )

Æ	Symbol No.	mbol No. Part No. Part Name		Description			Loca1	
	CAPACI	TOR						
	C0103-05	QETN1HM-106Z	E CAP.	10 µ F	50V	М	*	
	C0106	QETN1HM-105Z	E CAP.	1μF	50V	М	*	
	C0107	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*	
	C0108	QETN1HM-105Z	E CAP.	1 µ F	50V	M	*	
	C0109	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*	
	C0203	QFLC1HJ-103MZ	M CAP.	0.01 u F	50V	J	*	
	C0204-05	QETN1HM-105Z	E CAP.	1 µ F	50V	M	*	
	C0206-07	NCB21HK-472AY	CHIP CAP.	4700 p F	50V	K	*	
	C0301-05	NCB21HK-222AY	CHIP CAP.	2200 p F	50V	K	*	
	COIL				•			
	L0101-04	CELP017-5R6Y	PEAKING COIL	5.6 µ H			*	
	L0105	CE41832-001	LEAD CORE	0.0 д п			*	
	L0201-04	CELP017-5R6Y	PEAKING COIL	5.6 μ Η			*	
	L0205	CE41832-001	LEAD CORE	- 1.0 p			*	
	L0301-05	CE40344-100YL	INDUCTOR	100 µ H			*	
	L0306	CE41832-001	LEAD CORE				*	
	OTHERS							
	CN0008	CHA401R-15R-J	HQF CONNECTOR				*	
	CN0009	CHA401N-25R-J	HOF CONNECTOR				*	
	J0001-02	CE40529-006	SCART CONNECTOR					
	J0301	CEMN090-003	PIN JACK					
	J0302	CEMN045-005	PIN JACK				*	

## **PACKING PARTS LIST**

## AV-28WR2EN

⚠ Ref.No.	Part No.	Part Name	Description	Local
1	AEM1002-A44-E	PACKING CASE		*
2	CP11547-00B-E	CUSHION ASSY	6pcs in 1set	*
3	AEM1004-A06-E	SET COVER	,	*
4	CP40193-009-E	CUSHION SHEET		*
5	CP40193-010-E	CUSHION SHEET		*
6	RM-C793-1E	REMOCON UNIT		*
7	AEM3021-001-E	POLY BAG		*
8	BT-54008-1E	WARRANTY CARD		*
18	28WR2EN-HSAE	S.DIAGRAM	[Only ITAY]	
<b>∆</b> 9	CO40369-001-E	INST BOOK	For GBR/GER/FRA/NED/ITA/ESP	*
<b>№</b> 10	CO40370-001-E	INST BOOK	For FIN/NOR/DEN/SWE/POR	*
13	BT-20066A-E	ADDRESS CARD	(1295)	*
14	CM22966-013-E	DEC.SHEET	(1200)	
15	AEM1038-064-E	EURO LABEL		
16	LCT0065-001A-U	WARNING SHEET		*
17	AEEAK001-200	RF CABLE		*

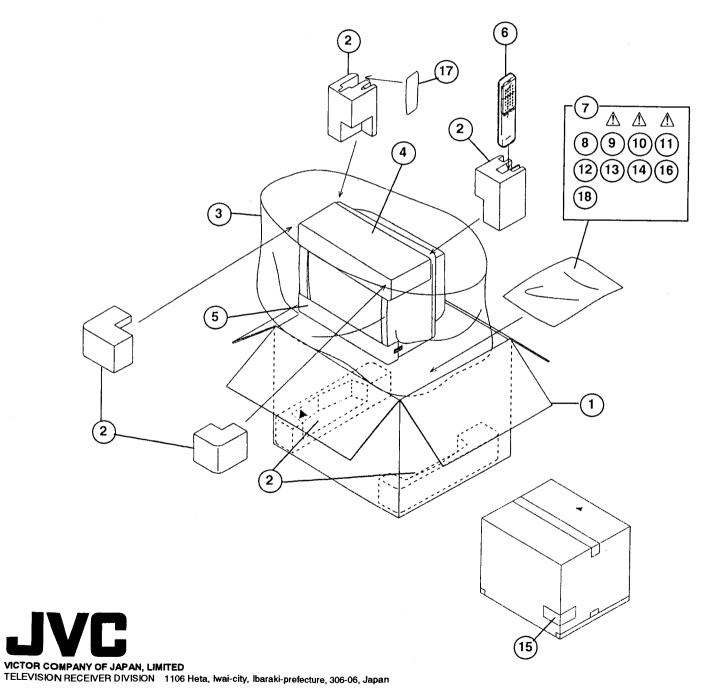
## AV-28WR2EK

⚠ Ref.No.	Part No.	Part Name	Description	Local
1	AEM1002-A44-E	PACKING CASE		*
2	CP11547-00B-E	CUSHION ASSY	6pcs in 1set	*
3	AEM1004-A06-E	SET COVER	•	*
4	CP40193-009-E	CUSHION SHEET		*
5	CP40193-010-E	CUSHION SHEET		*
6	RM-C792-1E	REMOCON UNIT		*
7	AEM3021-001-E	POLY BAG		*
8	BT-54008-1E	WARRANTY CARD		*
<b>∆</b> 11	CQ40367-001-E	INST BOOK		*
12	CQ40368-001-E	SET UP GUIDE		*
13	BT-20066A-E	ADDRESS CARD	(1295)	*
15	AEM1038-065-E	EURO LABEL	` ,	
16	LCT0065-001A-U	WARNING SHEET		*
17	AEEAK001-200	RF CABLE		*

No.51228

63

## **PACKING**



28WR2EN-CKD #4 28WR2EK-CKD #3 Printed in Japan VP 9706 DP3053

#### AV-28WR2EN STANDARD CIRCUIT DIAGRAM AV-28WR2EK

#### **■NOTE ON USING CIRCUIT DIAGRAMS** 1.SAFETY

The components identified by the Asymbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended

#### 2.SPECIFIED VOLTAGE AND WAVEFORM **VALUES**

The voltage and waveform values have been measured under the following conditions.

(1)Input signal

:PAL Colour bar signal

(2)Setting positions of each knob/button

and variable resistor

:Original setting position

when shipped

(3)Internal resistance of tester

:DC 20kΩ/V

(4)Oscilloscope sweeping time

⇒20µS/div :H

:V ⇒5mS/div

:Others => Sweeping time is

specified

(5)Voltage values

:All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

#### 3.INDICATION OF PARTS SYMBOLIEXAMPLE

In the PW board

:R1209-R209

#### 4.INDICATIONS ON THE CIRCUIT DIAGRAM

#### (1)Resistors

Resistance value

No unit

 $:[\Omega]$ 

K

:[KΩ]  $[\Omega M]$ :

•Rated allowable power

No indication :1/6[W]

Others

:As specified

Type

No indication :Carbon resistor

OMR

:Oxide metal film resistor

MFR

:Metal film resistor

MPR

:Metal plate resistor

UNFR

:Uninflammable resistor

FR

:Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

#### (2)Capacitors

Capacitance value

1or higher

less than 1 :[µF] Withstand voltage

No indication :DC50[V]

Others

:DC withstand voltage[V]

AC indicated :AC withstand voltage[V]

* Electrolytic Capacitors

47/50[Example]:Capacitance value[μF]/withstand voltage[V]

#### Type

No indication: Ceramic capacitor

MY

:Mylar capacitor

MM

:Metalized mylar capacitor

PP

:Polypropylene capacitor

MPP

:Metalized polypropylene capacitor

MF TF

:Metalized film capacitor

:Thin film capacitor

:Bipolar electrolytic capacitor

BP TAN

:Tantalum capacitor

(3)Coils

No unit

[µH]:

Others

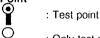
:As specified

#### (4)Power Supply

_____:B2(12V) 8V: _____ **_____:5V** 

* Respective voltage values are indicated.

#### (5)Test Point



: Only test point display

(6)Connecting method



#### (7)Ground symbol

 $\perp$ : LIVE side ground

: ISOLATED(NEUTRAL) side ground

: EARTH ground : DIGITAL ground

### **5.NOTE FOR REPAIRING SERVICE**

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE:  $(\bot)$  side GND and the ISOLATED(NEUTRAL): ( 🖟 ) side GND. Therefore, care must be taken for the following points.

- (1) Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneous ly. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cont is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2) Do not short between the LIVE side GNID and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.
- Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

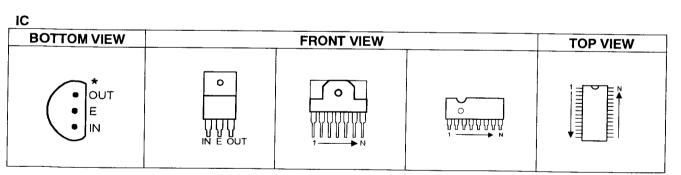
# **CONTENTS**

SEMICONDUCTOR SHAPES · · · · · · · · · · · · · · · · · · ·	2-2
BLOCK DIAGRAM ·····	
CIRCUIT DIAGRAMS AND PATTERN DIAGRAMS	
AV TERMINAL PWB CIRCUIT DIAGRAM ······	2-5
POWER DEF PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	2-7
MAIN PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	2-9
IF PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	
FRONT CONTROLL PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	
DOLBY PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	- · · · · · · · · · · · · · · 2-17
CRT SOCKET PWB CIRCUIT DIAGRAM · · · · · · · · · · · · · · · · · · ·	
AV TERMINAL PWB PATTERN DIAGRAM · · · · · · · · · · · · · · · · · · ·	
IF PWB PATTERN DIAGRAM · · · · · · · · · · · · · · · · · · ·	
MAIN PWB PATTERN DIAGRAM·····	2.23
POWER DEF PWB PATTERN DIAGRAM · · · · · · · · · · · · · · · · · · ·	
DOLBY PWB PATTERN DIAGRAM · · · · · · · · · · · · · · · · · · ·	
FRONT CONTROLL PWB PATTERN DIAGRAM ·····	£-21
CRT SOCKET PWB PATTERN DIAGRAM · · · · · · · · · · · · · · · · · · ·	2-23

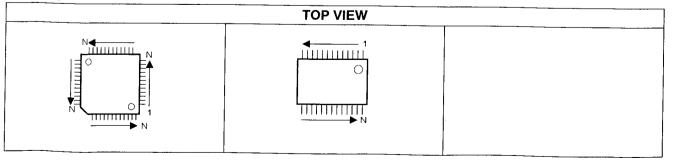
### **SEMICONDUCTOR SHAPES**

#### **TRANSISTOR**

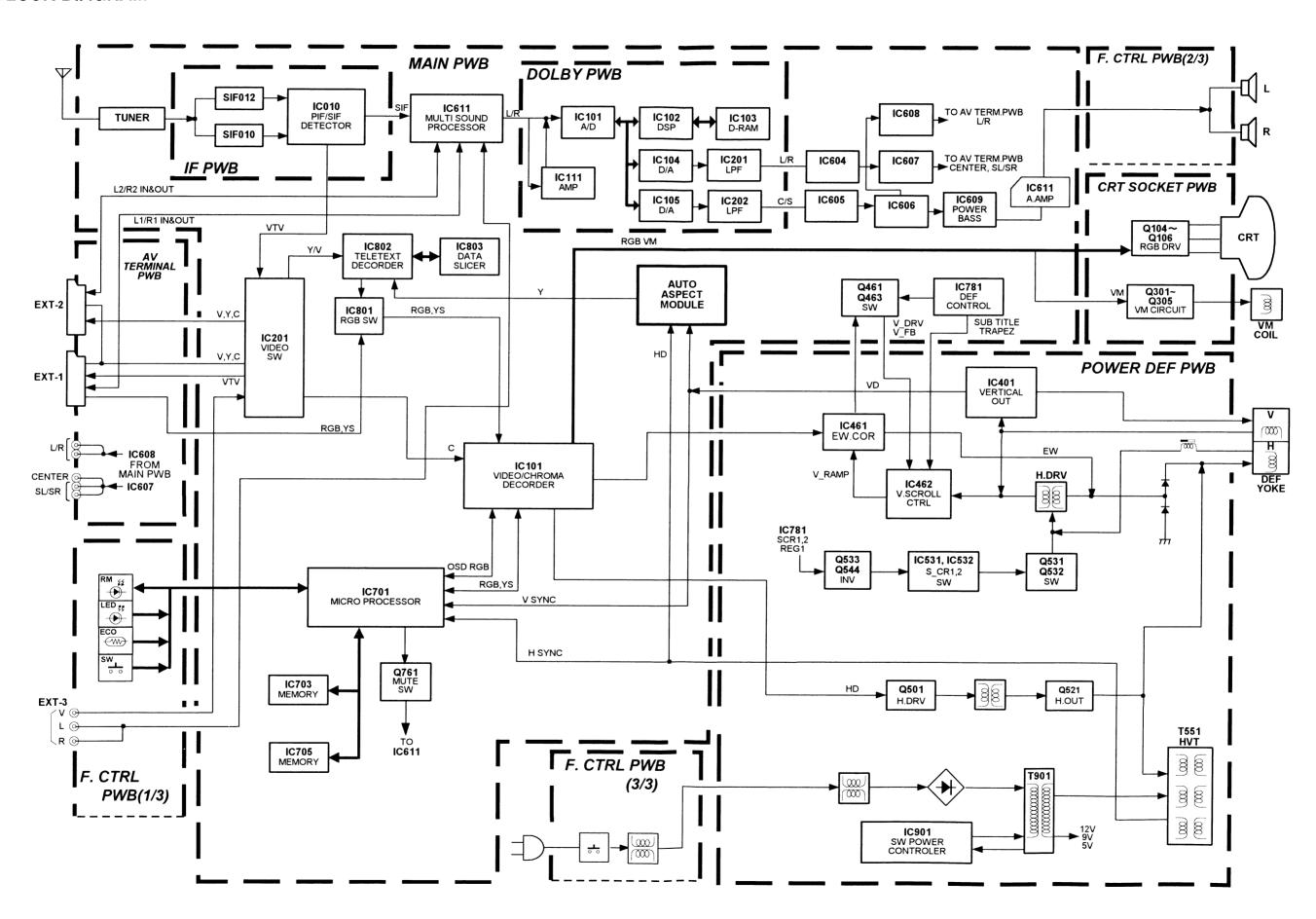
BOTTOM VIEW	FRONT VIEW			TOP VIEW	
* E C B	B C E	O B C E	© E C B	CHIP TR	



#### CHIP IC



#### **BLOCK DIAGRAM**

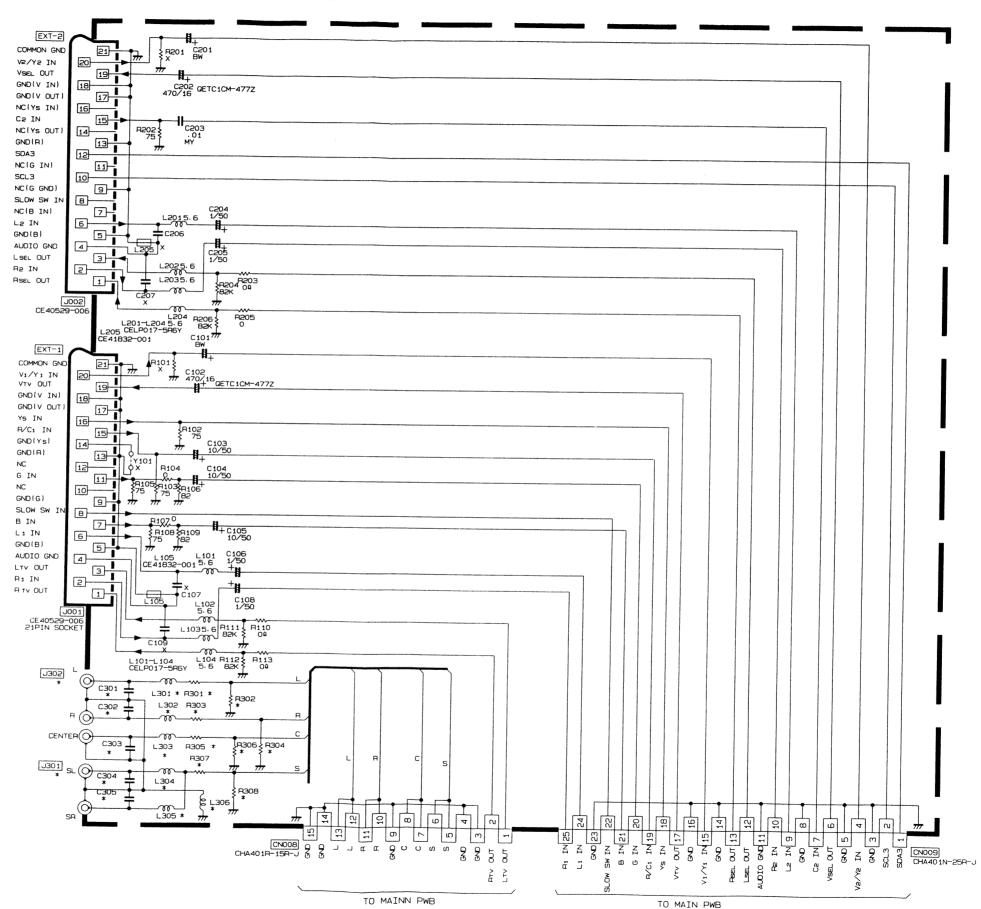


AV TERMINAL PWB CIRUCUIT DIAGRAM

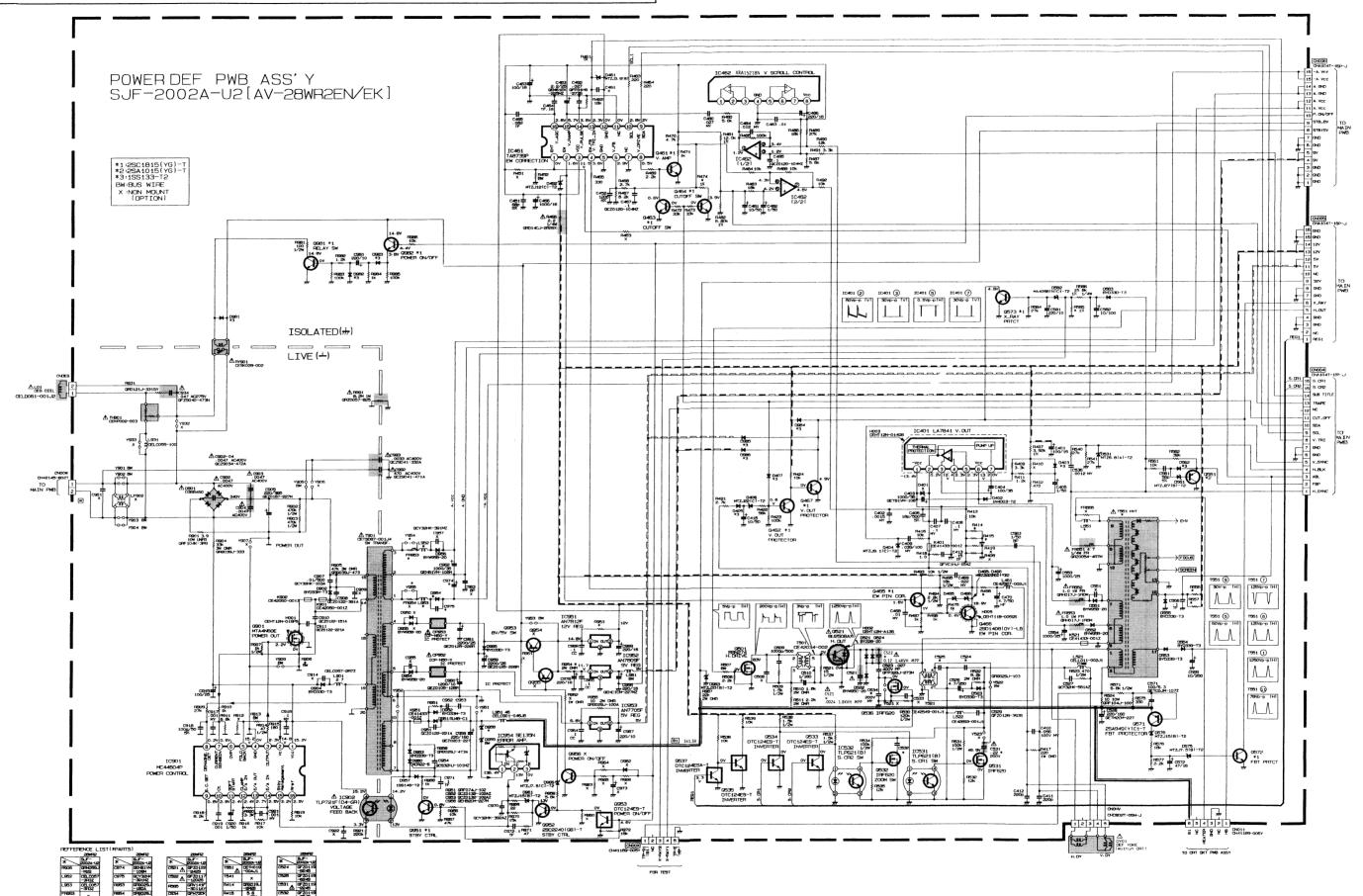


REFERENCE LIST(*PARTS)

*	SJF 0J001A-U2	*	SJF 03001A-U2
L301	CE40344 -100YL	C301	. 0022
L302	CE40344 -100YL	C302	. 0022
L303	CE40344 -100YL	C303	. 0022
L304	CE40344 -100YL	C304	. 0022
L305	CE40344 -100YL	C305	. 0022
L306	CE41832 -001	J301	-005 CEWN030
R301	0	J302	CEMN045
H302	10k	L	-004
R303	0		
R304	10k		
P305	0		
A306	10k		
R307	0		
H308	10k		

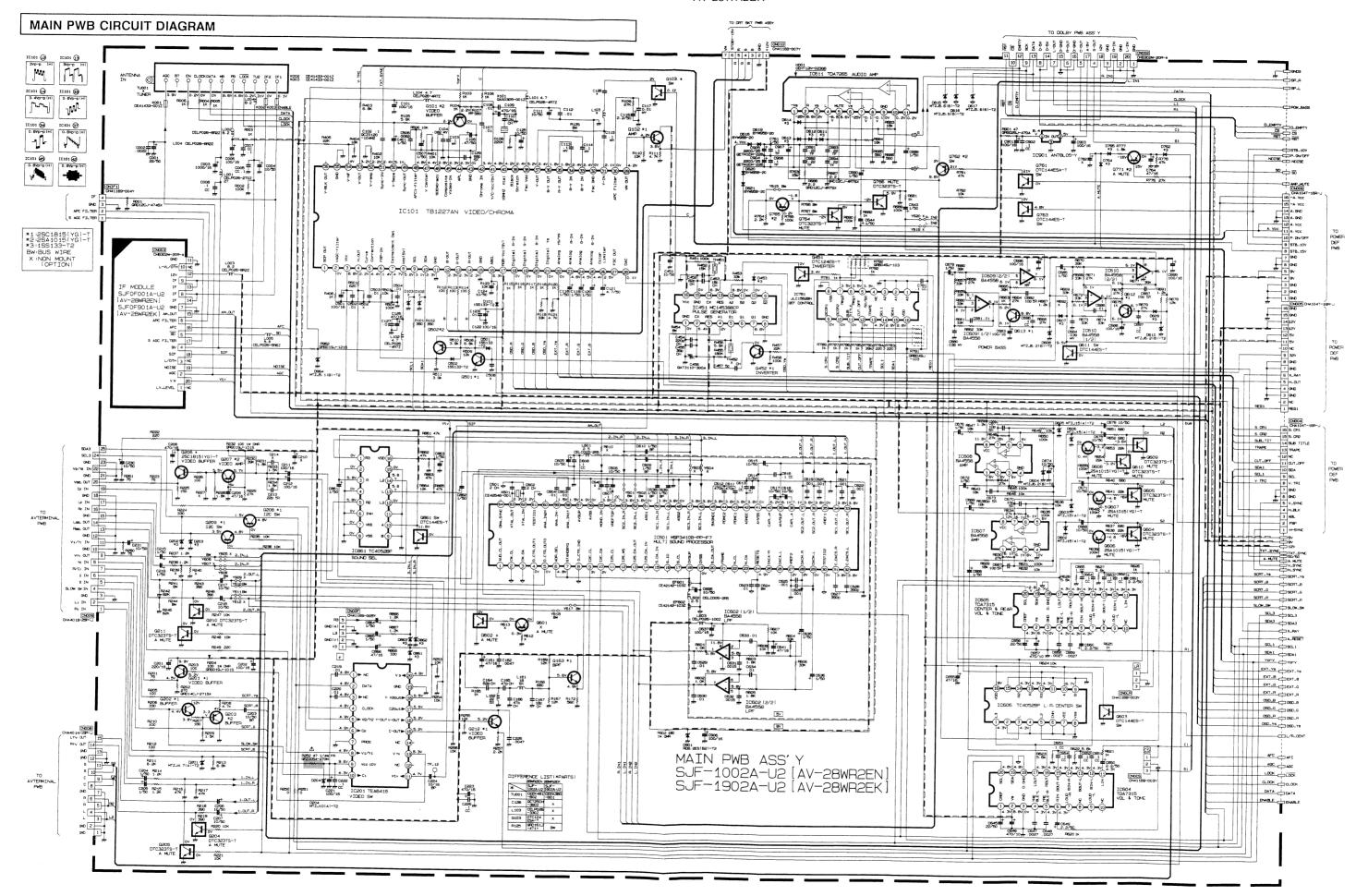


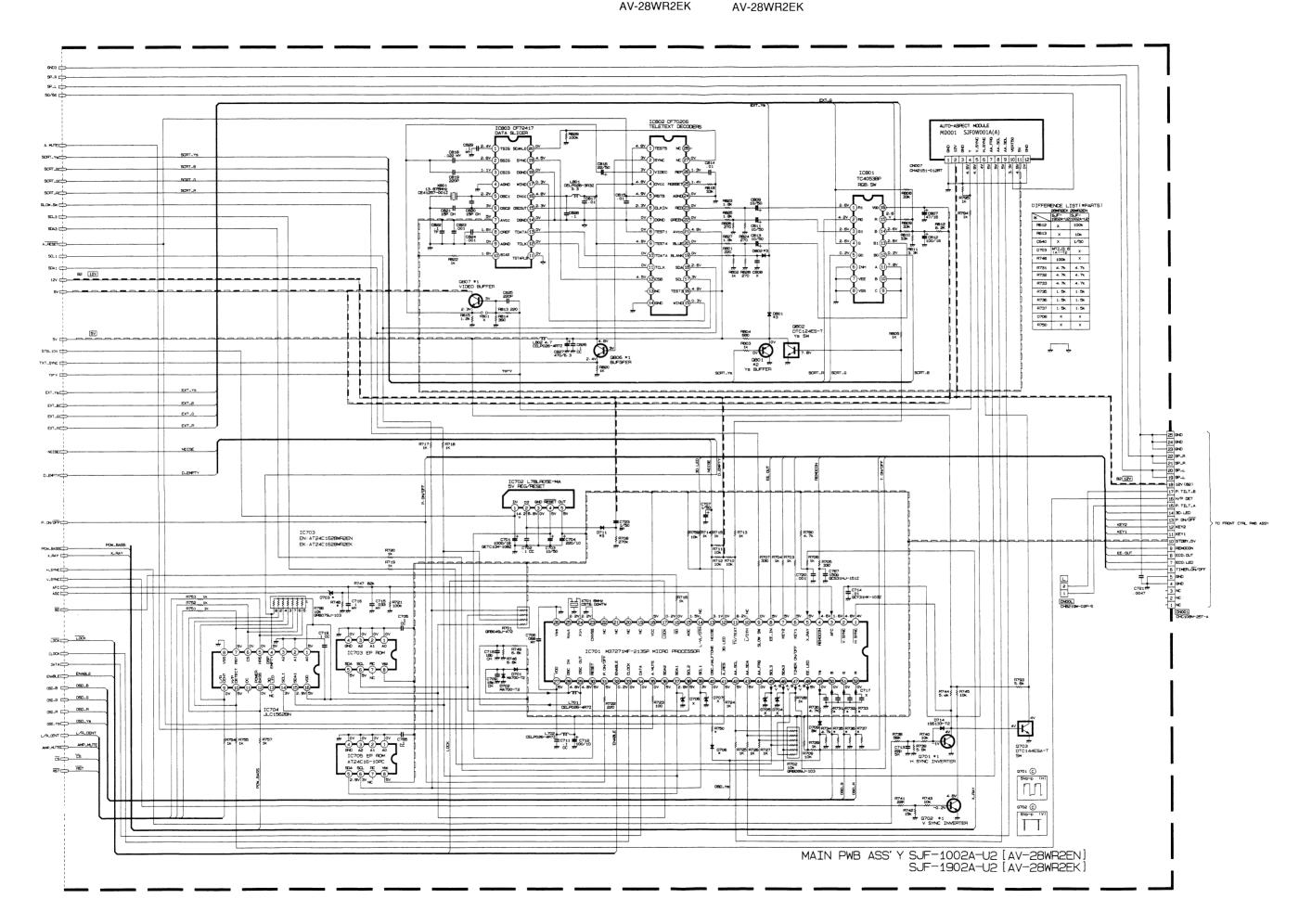
#### POWER DEF PWB CIRCUIT DIAGRAM



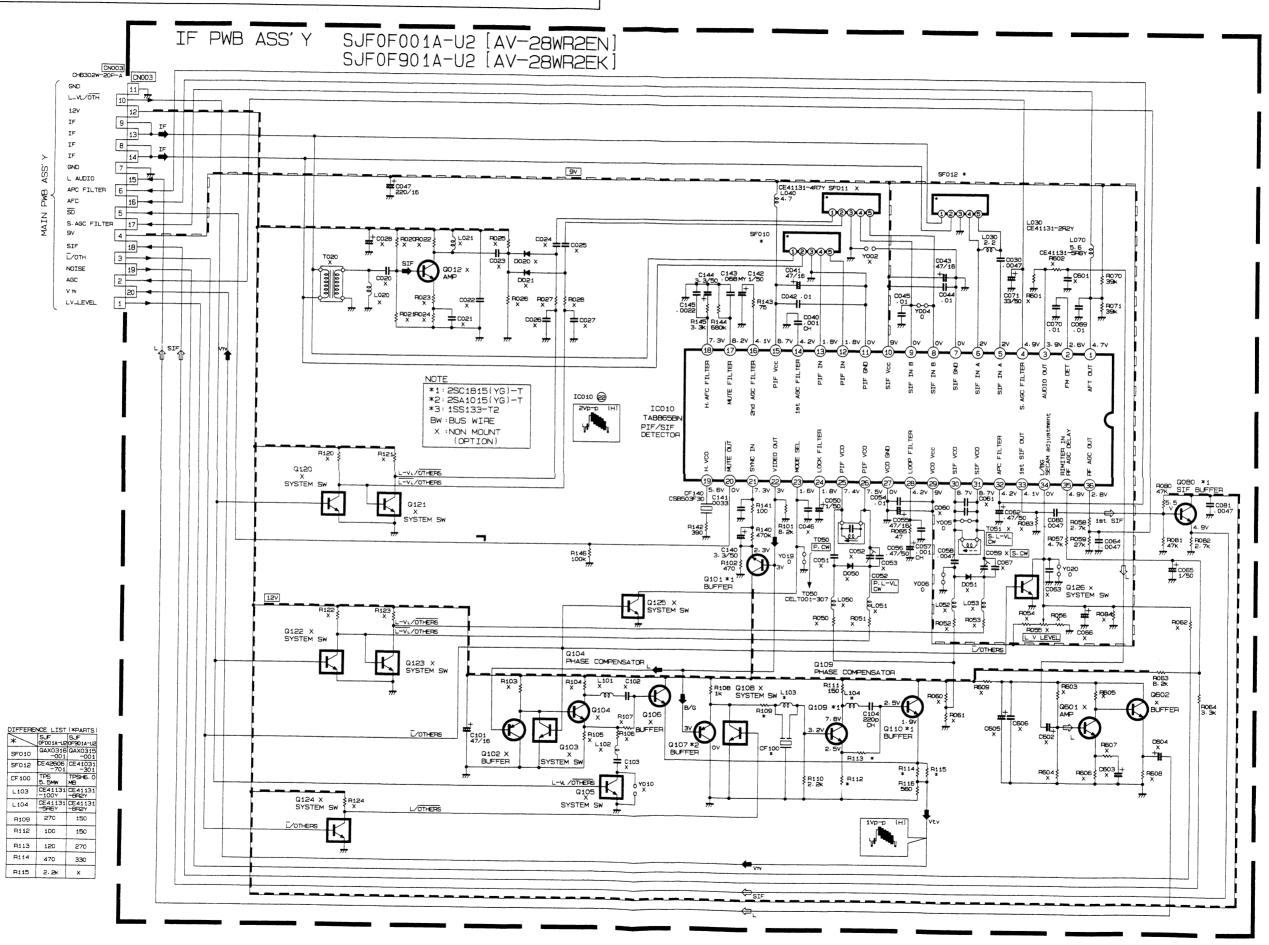
2-7

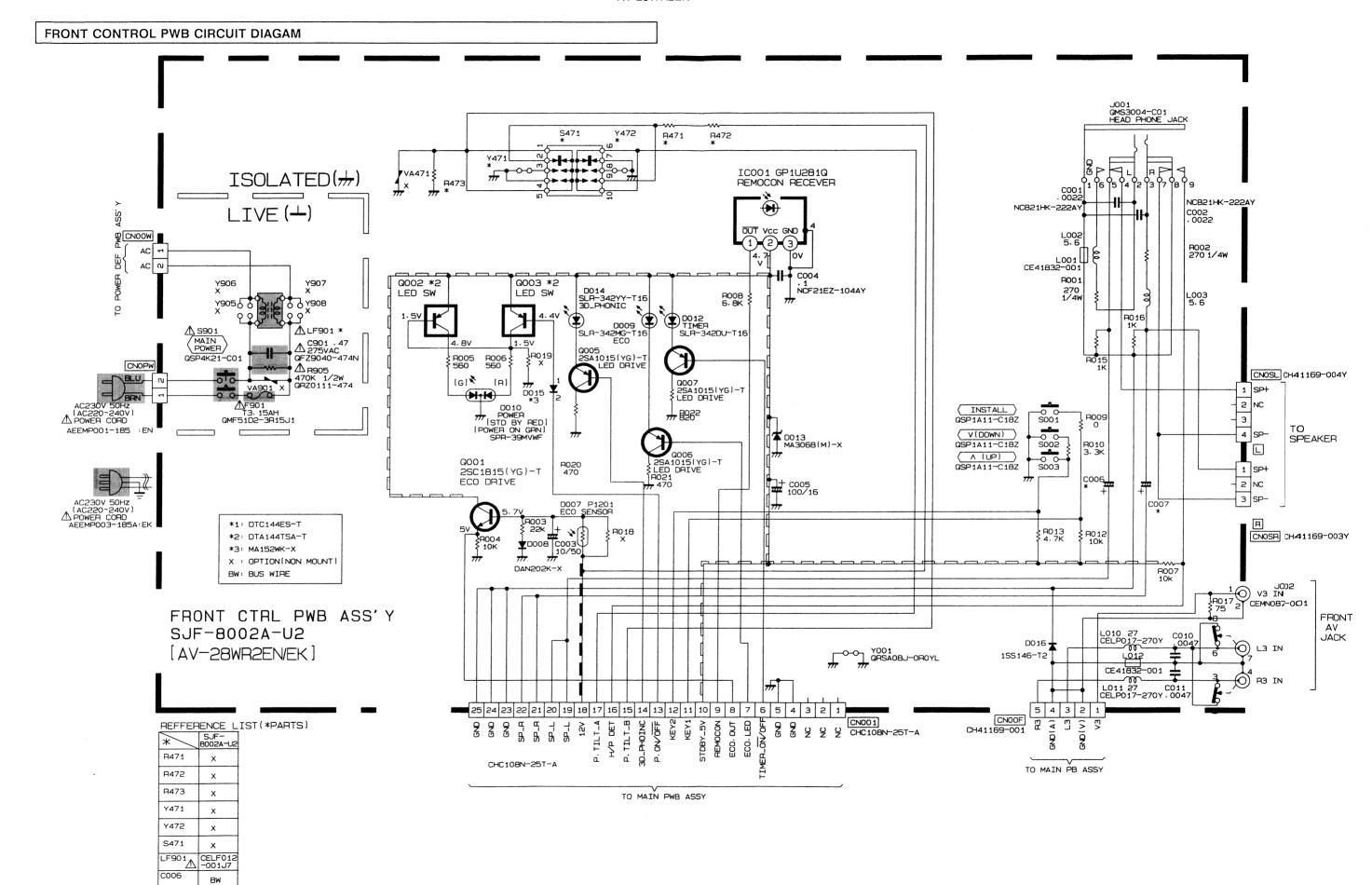
2-8





### IF PWB CIRCUIT DIAGRAM



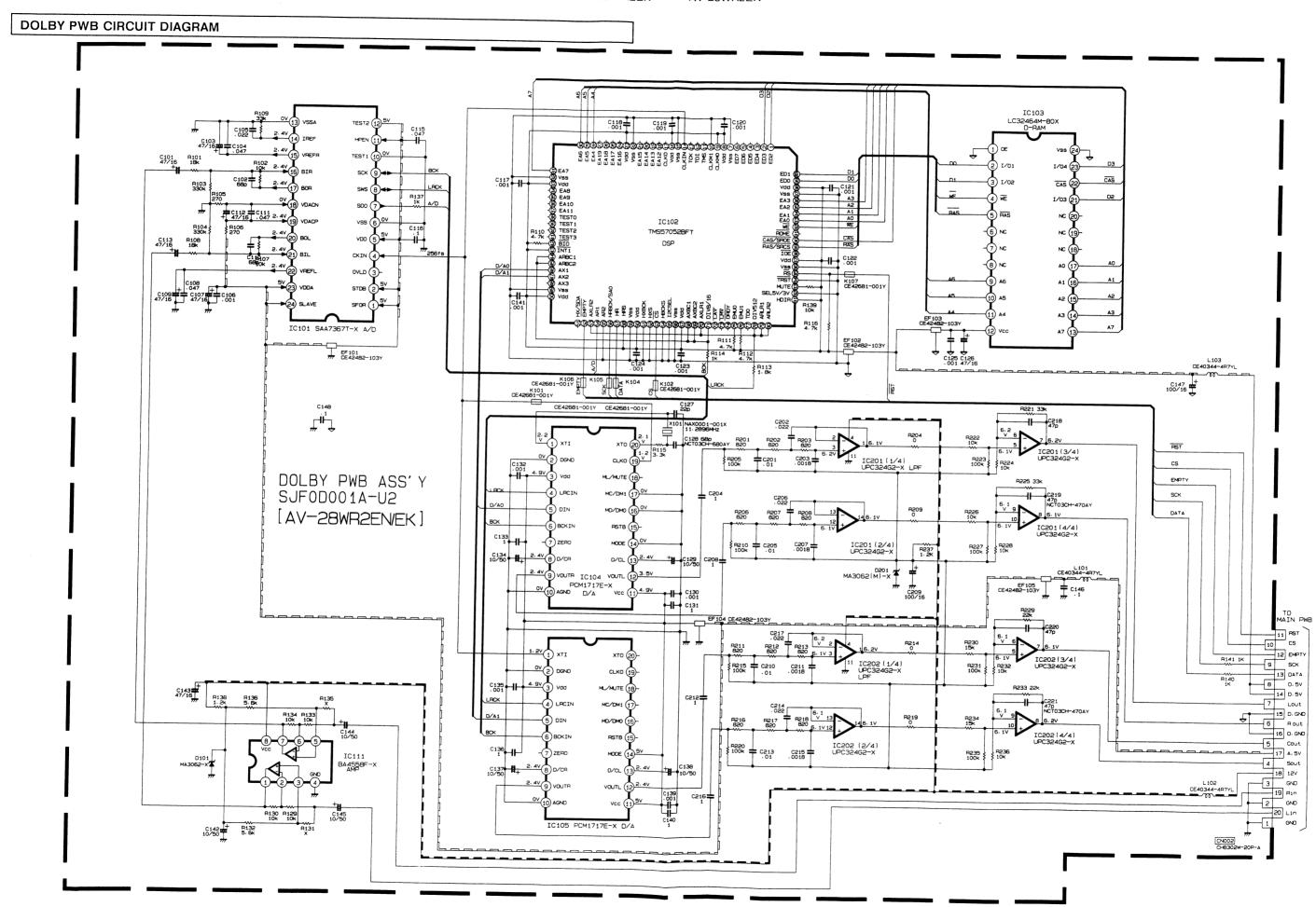


C007

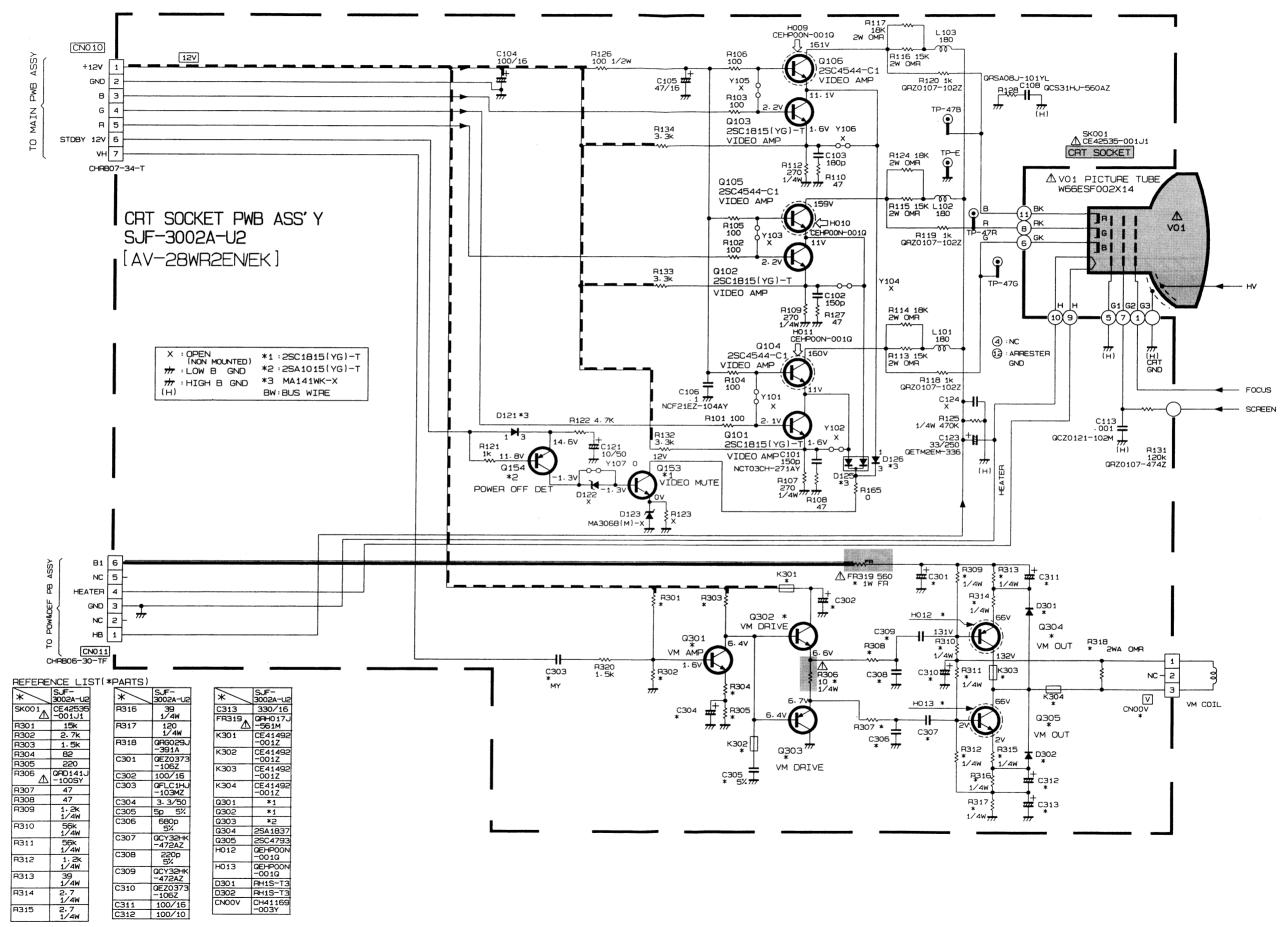
BW

No.51228

2-15



#### CRT SOCKET PWB CIRCUIT DIAGRAM

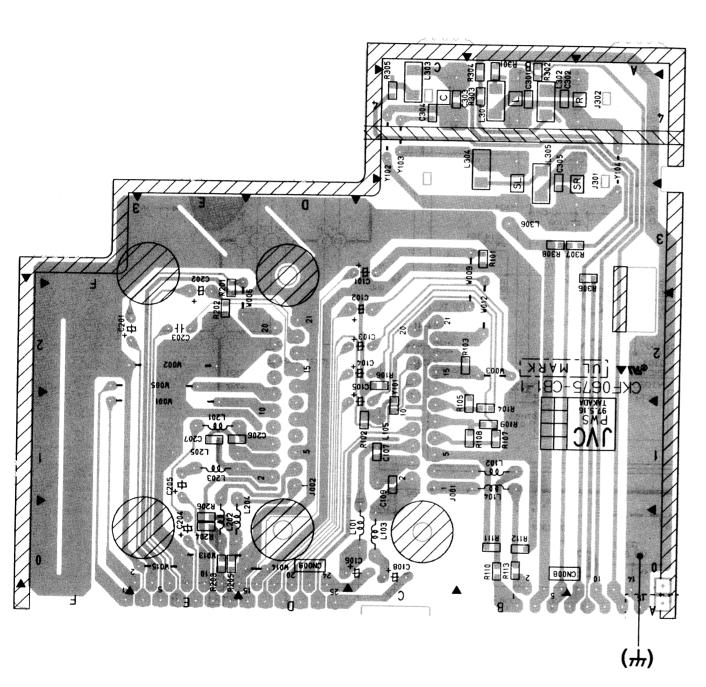


(Magnification Rate 115%)

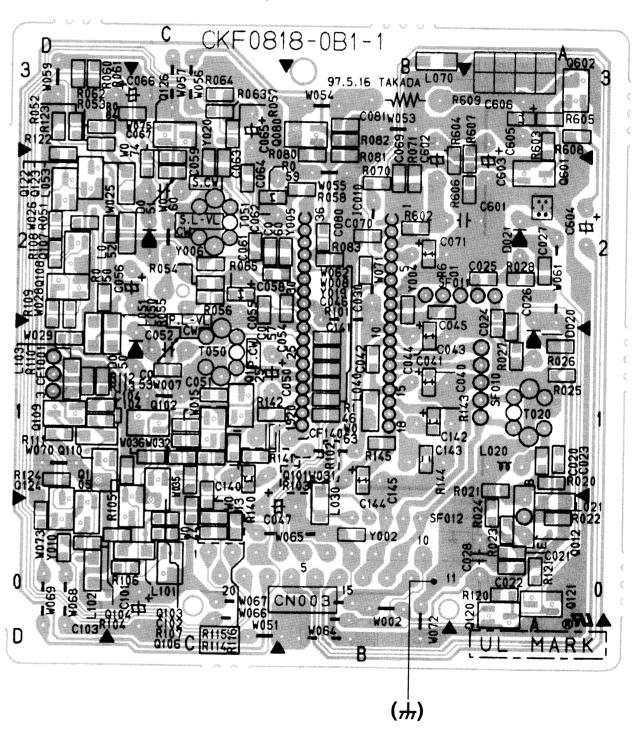
IF PWB PATTERN DIAGRAM

(Magnification Rate 180%)

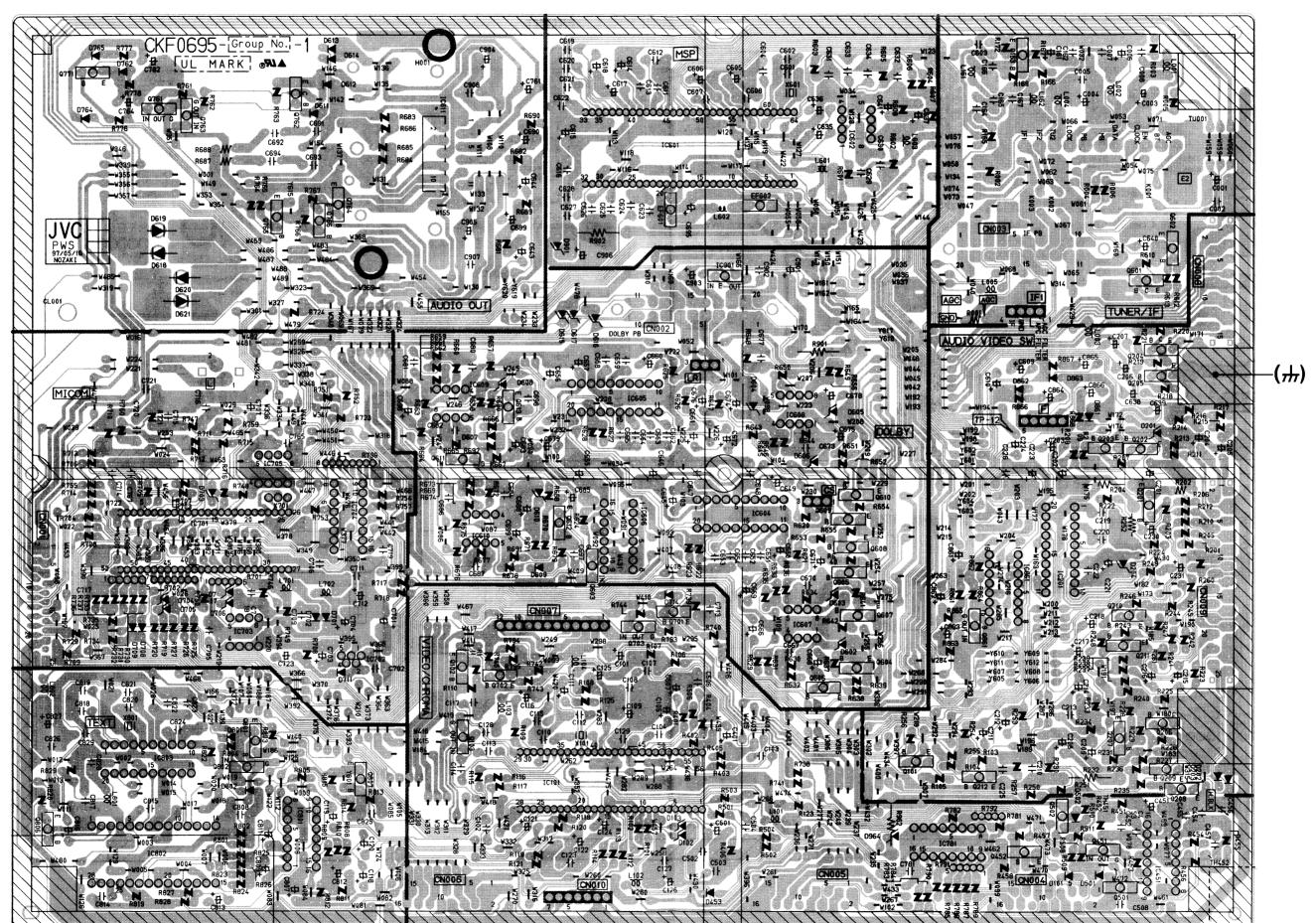








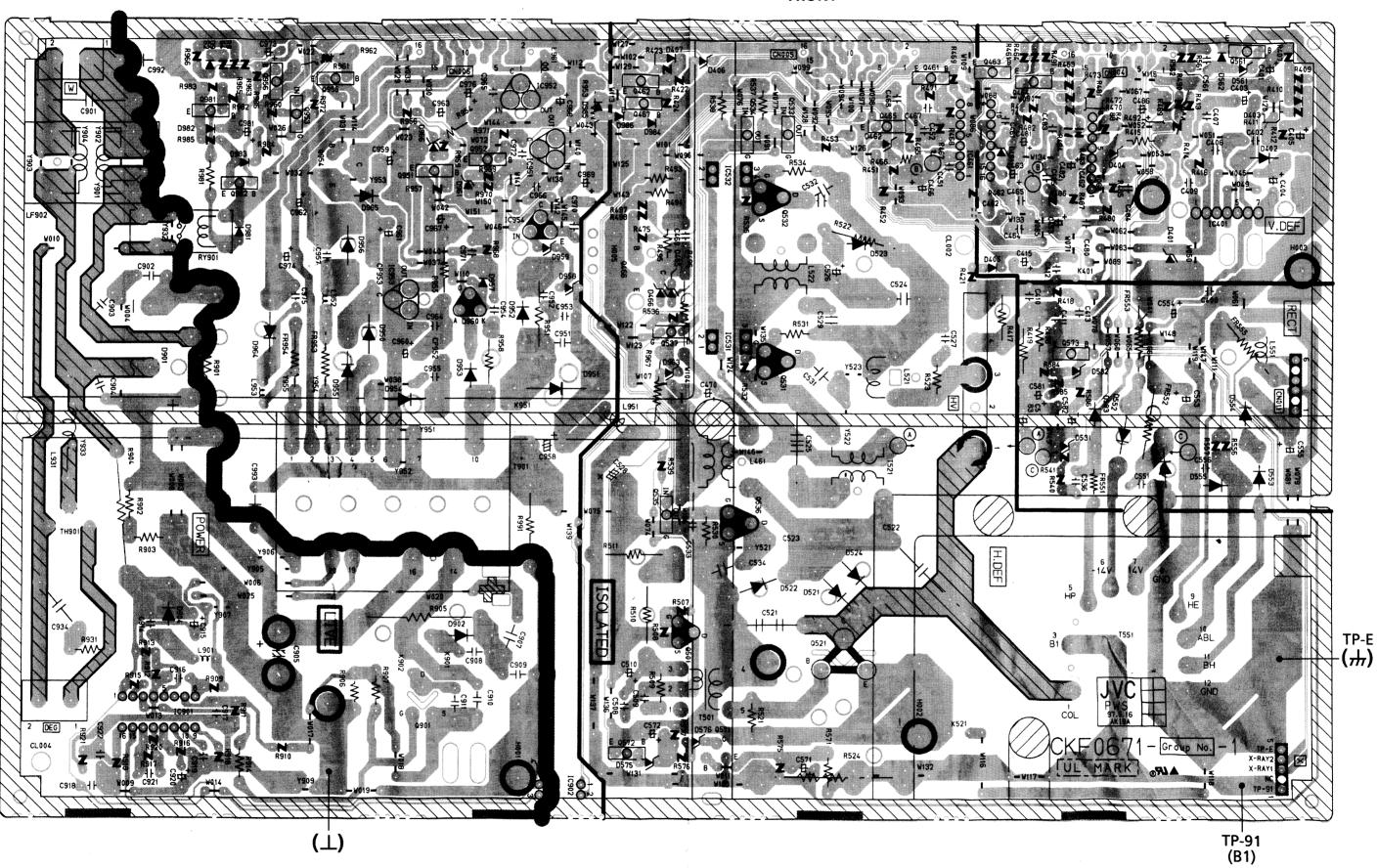
FRONT



AV-28WR2EN AV-28WR2EK

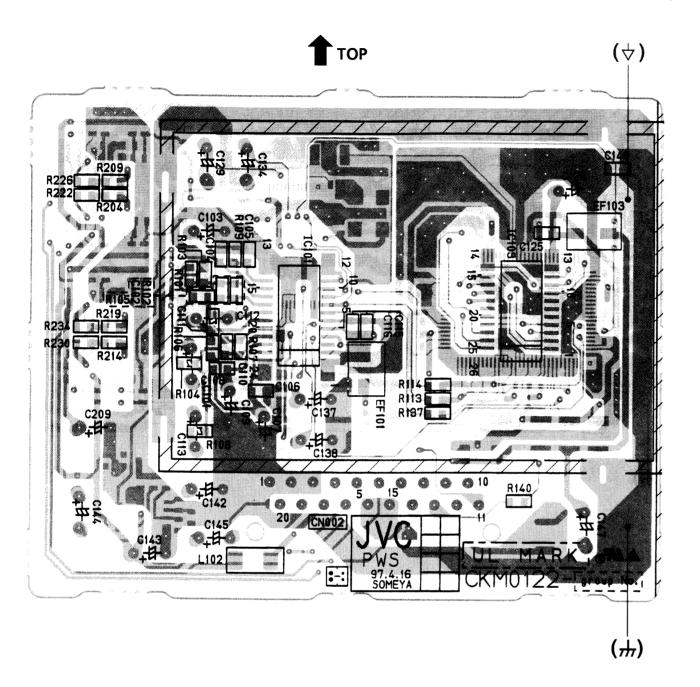


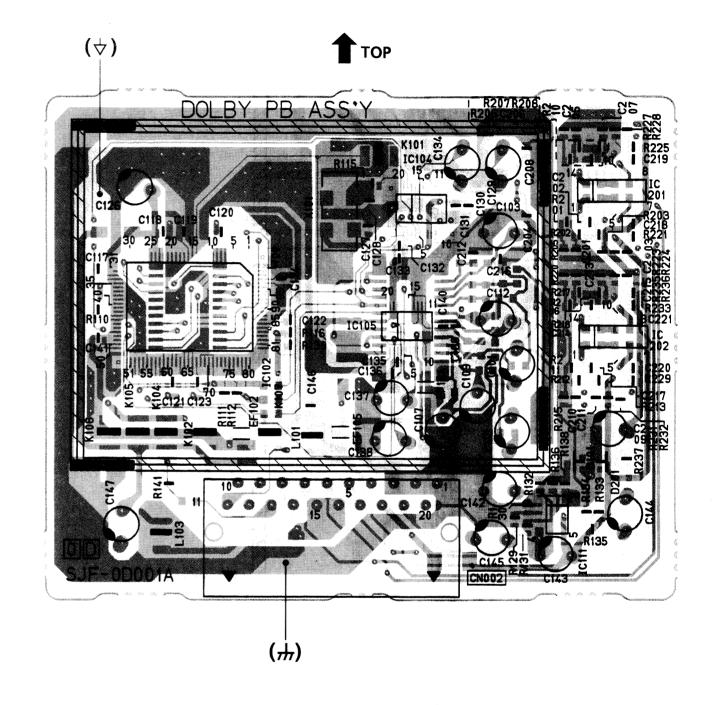
(Magnification Rate 110%)



(Magnification Rate 117%)



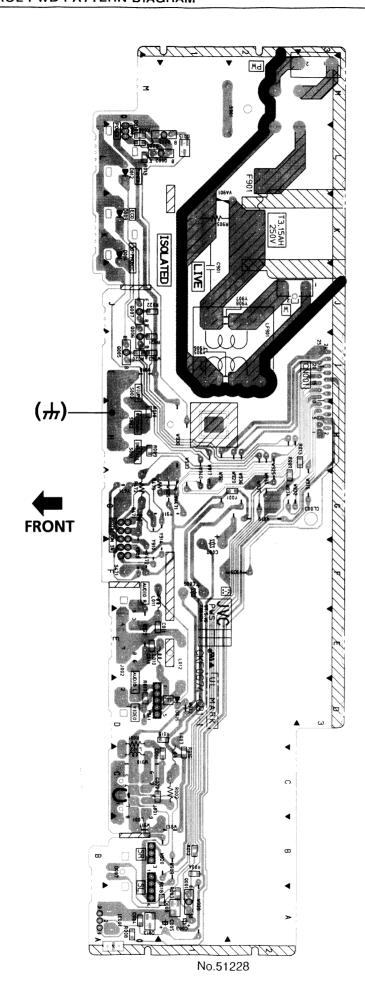


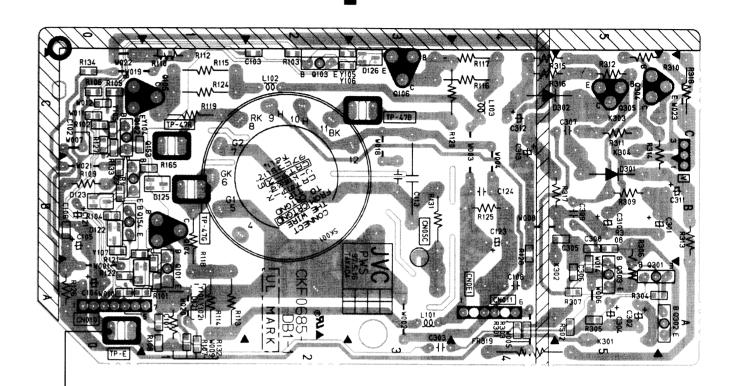


(4,

(Magnification Rate 109%)

(Magnification Rate 73%)





2-29 2-30 No.51228